

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138151.D
 Acq On : 07 Jun 2024 10:35
 Operator : CG\JU
 Sample : PB161334BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161334BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 07 11:14:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	431223	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	1719569	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	972684	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	1693294	20.000	ng	0.00
76) Chrysene-d12	14.068	240	914486	20.000	ng	0.00
86) Perylene-d12	15.551	264	813503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	3109119	122.876	ng	0.02
7) Phenol-d6	6.539	99	3966129	123.887	ng	0.00
23) Nitrobenzene-d5	7.475	82	2418079	95.675	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	1266699	135.319	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	4583422	82.394	ng	0.00
79) Terphenyl-d14	13.015	244	4947424	80.920	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.834	88	393151	33.901	ng	98
3) Pyridine	3.575	79	969938	34.133	ng	96
4) n-Nitrosodimethylamine	3.540	42	595199	42.666	ng	94
6) Aniline	6.569	93	898570	27.683	ng	98
8) 2-Chlorophenol	6.692	128	1298638	47.440	ng	98
9) Benzaldehyde	6.463	77	750799	50.414	ng	93
10) Phenol	6.551	94	1514820m	46.056	ng	
11) bis(2-Chloroethyl)ether	6.645	93	1180485	44.771	ng	100
12) 1,3-Dichlorobenzene	6.851	146	1338264	42.668	ng	99
13) 1,4-Dichlorobenzene	6.928	146	1367043	43.277	ng	99
14) 1,2-Dichlorobenzene	7.075	146	1316893	44.413	ng	99
15) Benzyl Alcohol	7.051	79	1054528	46.553	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1695179	43.793	ng	97
17) 2-Methylphenol	7.157	107	1018149	45.952	ng	99
18) Hexachloroethane	7.422	117	482217	44.727	ng	95
19) n-Nitroso-di-n-propyla...	7.328	70	879899	43.104	ng	95
20) 3+4-Methylphenols	7.310	107	1256329	45.568	ng	96
22) Acetophenone	7.322	105	1687236	42.621	ng	99
24) Nitrobenzene	7.492	77	1271860	46.195	ng	98
25) Isophorone	7.728	82	2400121	43.106	ng	100
26) 2-Nitrophenol	7.804	139	631960	52.982	ng	97
27) 2,4-Dimethylphenol	7.839	122	957705	49.518	ng	98
28) bis(2-Chloroethoxy)met...	7.939	93	1479040	43.609	ng	100
29) 2,4-Dichlorophenol	8.045	162	1118371	47.978	ng	97
30) 1,2,4-Trichlorobenzene	8.128	180	1217434	43.285	ng	99
31) Naphthalene	8.216	128	3557422	42.772	ng	99
32) Benzoic acid	7.975	122	809502	52.682	ng	96
33) 4-Chloroaniline	8.257	127	578950	18.521	ng	99
34) Hexachlorobutadiene	8.328	225	697083	42.176	ng	100
35) Caprolactam	8.633	113	345513m	44.390	ng	
36) 4-Chloro-3-methylphenol	8.739	107	1107842	46.378	ng	98
37) 2-Methylnaphthalene	8.904	142	2442017	43.554	ng	100
38) 1-Methylnaphthalene	9.004	142	2281892	41.566	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	1241205	45.198	ng	99
41) Hexachlorocyclopentadiene	9.057	237	1143526	126.139	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	843370	50.582	ng	100

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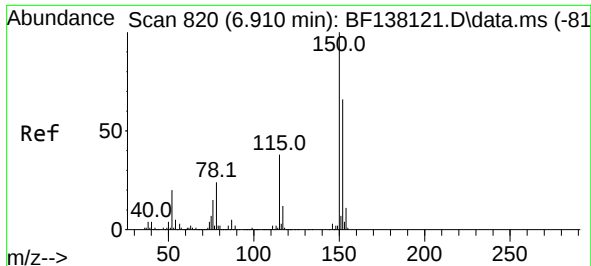
Manual Integrations
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Quant Time: Jun 07 11:14:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
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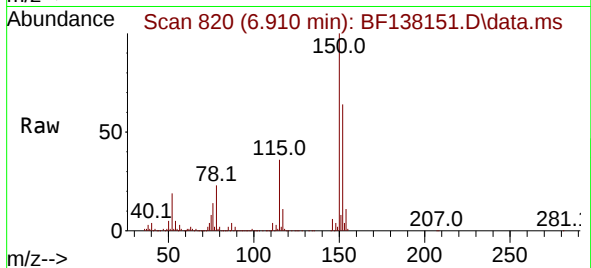
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	895569	48.745	ng	96
46) 1,1'-Biphenyl	9.369	154	2992167	43.794	ng	99
47) 2-Chloronaphthalene	9.392	162	2365188	43.438	ng	99
48) 2-Nitroaniline	9.486	65	654763	48.354	ng	98
49) Acenaphthylene	9.810	152	3568266	46.310	ng	98
50) Dimethylphthalate	9.669	163	2751537	45.020	ng	99
51) 2,6-Dinitrotoluene	9.727	165	626513	47.286	ng	98
52) Acenaphthene	9.980	154	2461789	47.285	ng	100
53) 3-Nitroaniline	9.898	138	433339	33.580	ng	# 97
54) 2,4-Dinitrophenol	10.004	184	536779	94.070	ng	99
55) Dibenzofuran	10.151	168	3310949	44.962	ng	99
56) 4-Nitrophenol	10.057	139	988592	106.346	ng	99
57) 2,4-Dinitrotoluene	10.133	165	813220	51.174	ng	90
58) Fluorene	10.498	166	2484459	42.476	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.269	232	759706	52.424	ng	98
60) Diethylphthalate	10.369	149	2624227	43.984	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	1290201	43.420	ng	100
62) 4-Nitroaniline	10.516	138	562472	49.305	ng	96
63) Azobenzene	10.645	77	2506188	43.611	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	379561	56.339	ng	86
66) n-Nitrosodiphenylamine	10.610	169	2318914	45.859	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	897556	46.553	ng	# 91
68) Hexachlorobenzene	11.039	284	1003265	44.760	ng	98
69) Atrazine	11.133	200	806332	49.563	ng	99
70) Pentachlorophenol	11.233	266	1174175	97.858	ng	99
71) Phenanthrene	11.457	178	3639027	44.642	ng	99
72) Anthracene	11.510	178	3617212	44.491	ng	98
73) Carbazole	11.663	167	3196392	42.990	ng	99
74) Di-n-butylphthalate	11.992	149	3783280	43.289	ng	100
75) Fluoranthene	12.645	202	3582220	40.728	ng	99
77) Benzidine	12.763	184	94448	10.036	ng	98
78) Pyrene	12.874	202	3673563	44.418	ng	100
80) Butylbenzylphthalate	13.492	149	1331676	48.762	ng	95
81) Benzo(a)anthracene	14.057	228	2607456	45.193	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	565675	38.682	ng	99
83) Chrysene	14.098	228	2538430	45.844	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	1765382	44.369	ng	99
85) Di-n-octyl phthalate	14.668	149	2619933	47.837	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	2307610	51.803	ng	99
88) Benzo(b)fluoranthene	15.115	252	2305536	45.082	ng	100
89) Benzo(k)fluoranthene	15.145	252	2393709	49.082	ng	99
90) Benzo(a)pyrene	15.486	252	2015500	52.038	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	1851012	51.924	ng	99
92) Benzo(g,h,i)perylene	17.498	276	1903505	51.514	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF138151.D
 Acq: 07 Jun 2024 10:35

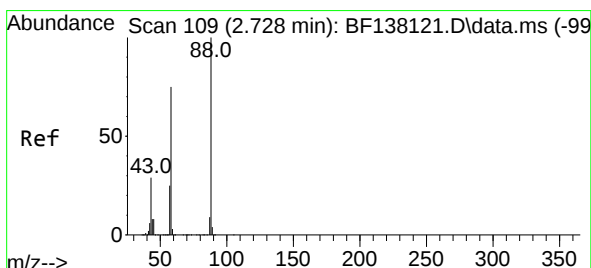
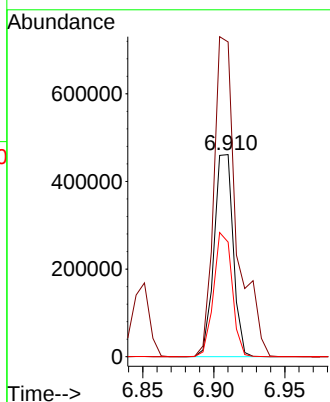
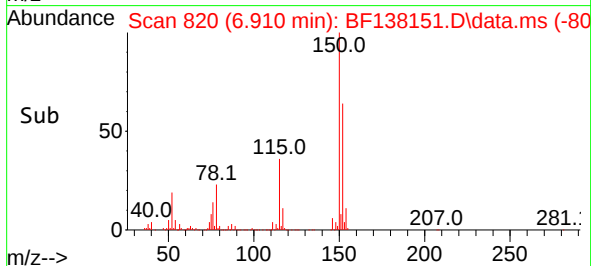
Instrument :
 BNA_F
 ClientSampleId :
 PB161334BS



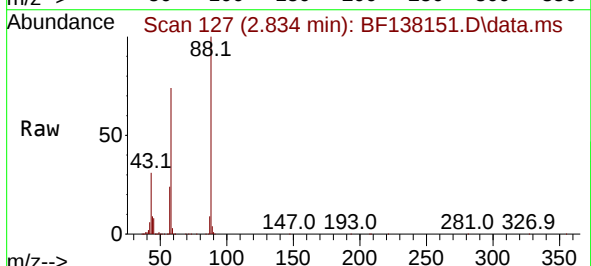
Tgt Ion:152 Resp: 43122
 Ion Ratio Lower Upper
 152 100
 150 155.7 121.8 182.6
 115 56.7 46.2 69.2

Manual Integrations
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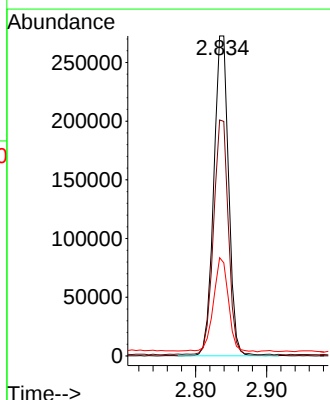
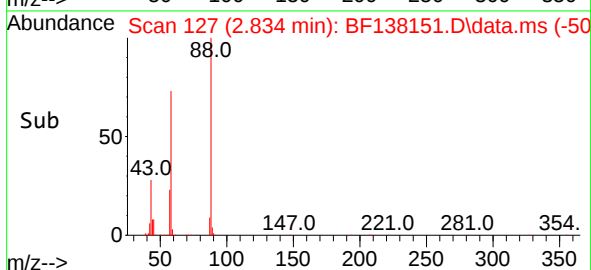
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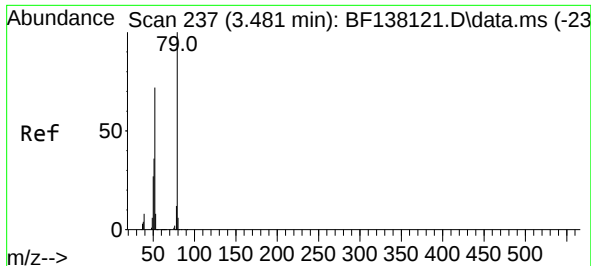


#2
 1,4-Dioxane
 Concen: 33.901 ng
 RT: 2.834 min Scan# 127
 Delta R.T. 0.106 min
 Lab File: BF138151.D
 Acq: 07 Jun 2024 10:35



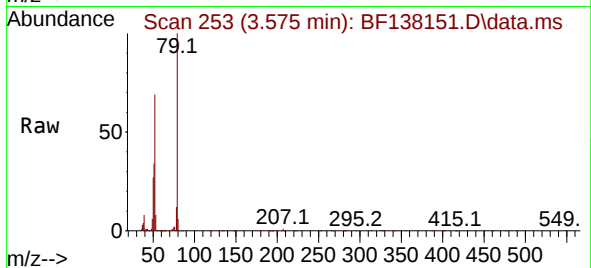
Tgt Ion: 88 Resp: 393151
 Ion Ratio Lower Upper
 88 100
 58 73.4 60.6 90.8
 43 29.9 23.6 35.4





#3
Pyridine
Concen: 34.133 ng
RT: 3.575 min Scan# 21
Delta R.T. 0.094 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

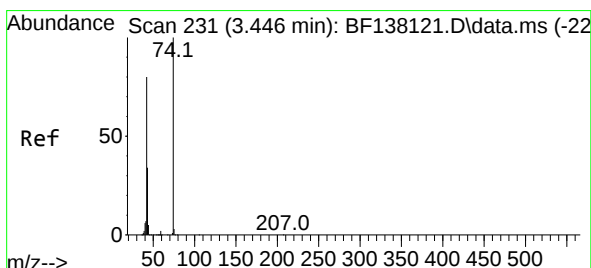
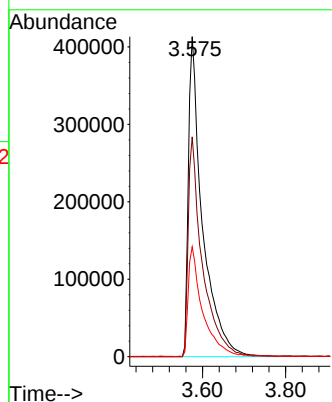
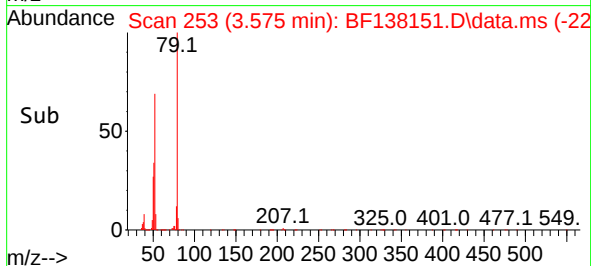
Instrument :
BNA_F
ClientSampleId :
PB161334BS



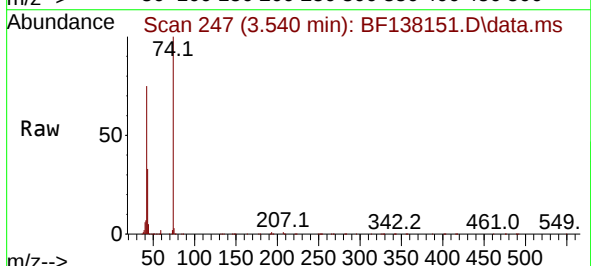
Tgt Ion: 79 Resp: 969938
Ion Ratio Lower Upper
79 100
52 68.7 57.4 86.2
51 34.3 29.1 43.7

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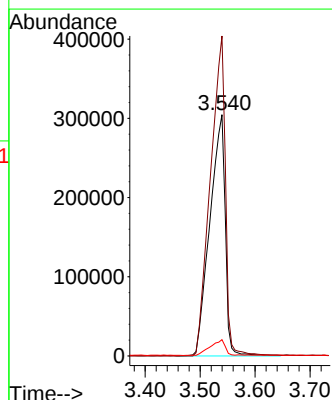
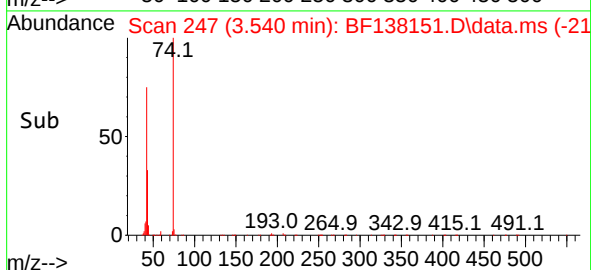
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

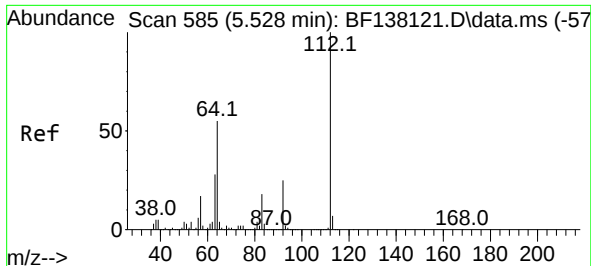


#4
n-Nitrosodimethylamine
Concen: 42.666 ng
RT: 3.540 min Scan# 247
Delta R.T. 0.094 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



Tgt Ion: 42 Resp: 595199
Ion Ratio Lower Upper
42 100
74 132.6 100.0 150.0
44 6.8 5.7 8.5





#5
2-Fluorophenol
Concen: 122.876 ng
RT: 5.545 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

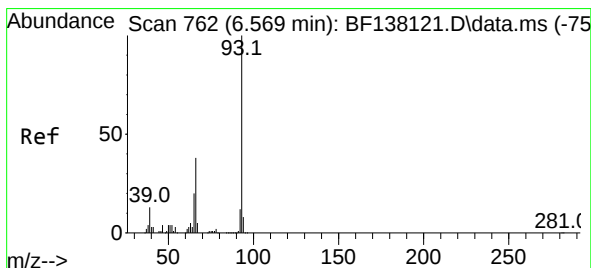
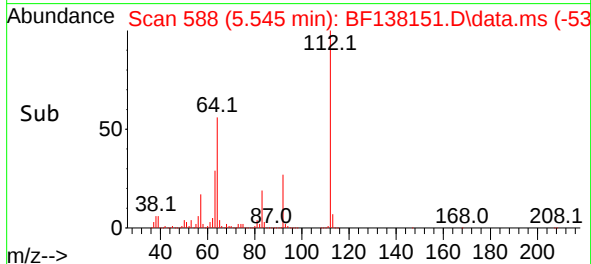
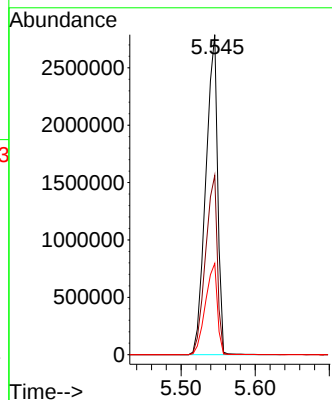
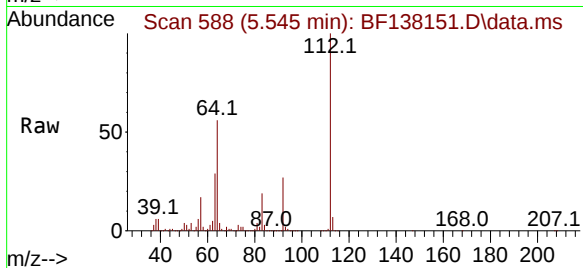
PB161334BS

Tgt Ion:112 Resp: 3109119
Ion Ratio Lower Upper
112 100
64 56.0 44.0 66.0
63 28.5 22.1 33.1

Manual Integrations

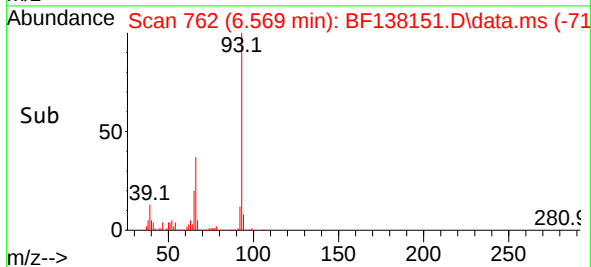
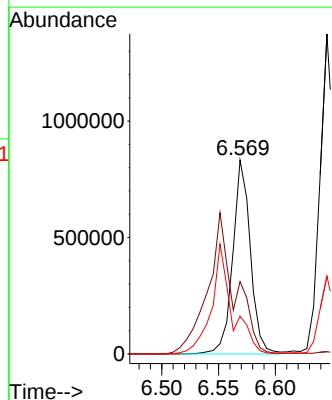
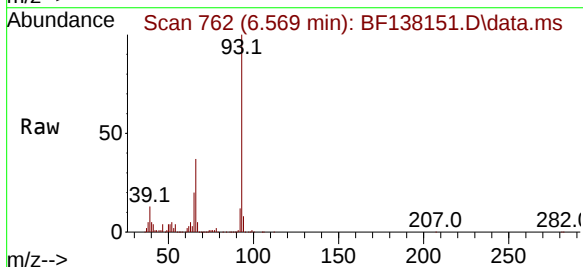
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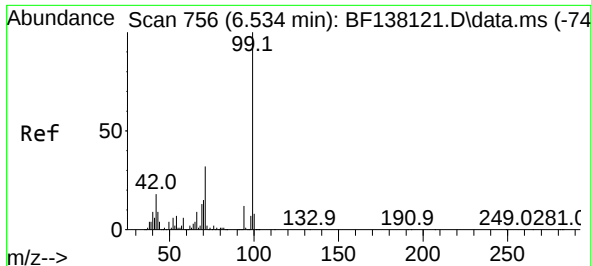
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#6
Aniline
Concen: 27.683 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion: 93 Resp: 898570
Ion Ratio Lower Upper
93 100
66 37.3 30.9 46.3
65 19.5 16.0 24.0





#7

Phenol-d6

Concen: 123.887 ng

RT: 6.539 min Scan# 757

Delta R.T. 0.006 min

Lab File: BF138151.D

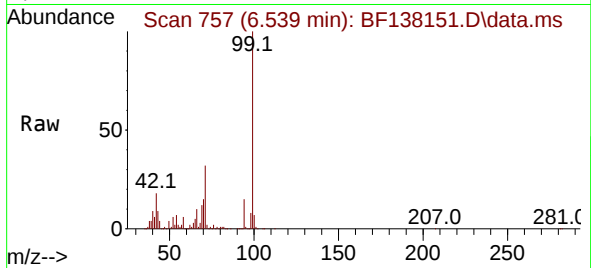
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS



Tgt Ion: 99 Resp: 3966129

Ion Ratio Lower Upper

99 100

42 18.1 14.4 21.6

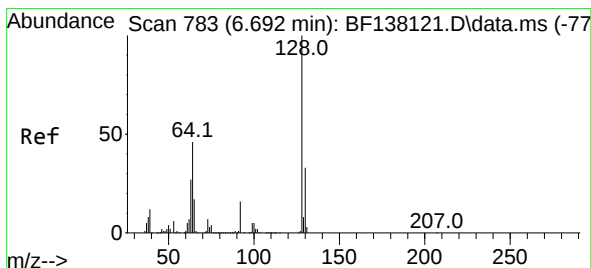
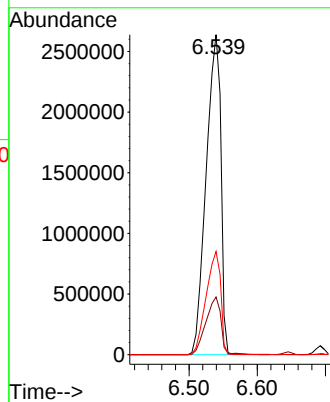
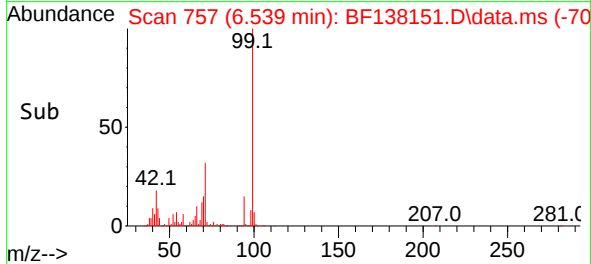
71 32.2 25.5 38.3

Manual Integrations

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Supervised By :mohammad ahmed 06/10/2024



#8

2-Chlorophenol

Concen: 47.440 ng

RT: 6.692 min Scan# 783

Delta R.T. -0.000 min

Lab File: BF138151.D

Acq: 07 Jun 2024 10:35

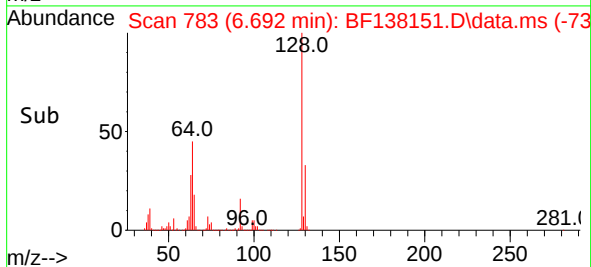
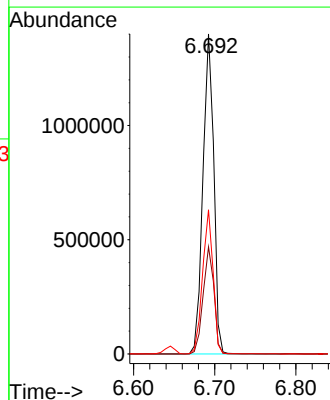
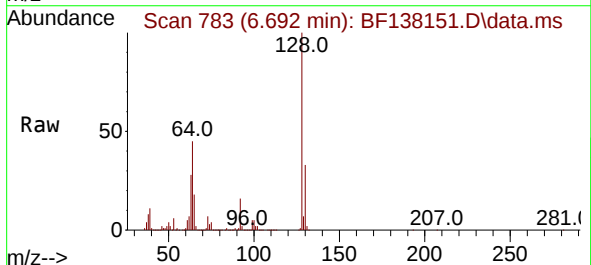
Tgt Ion:128 Resp: 1298638

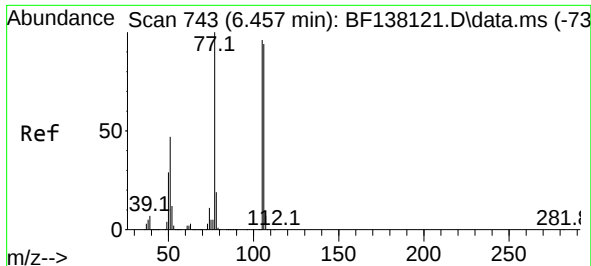
Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 45.1 26.6 66.6





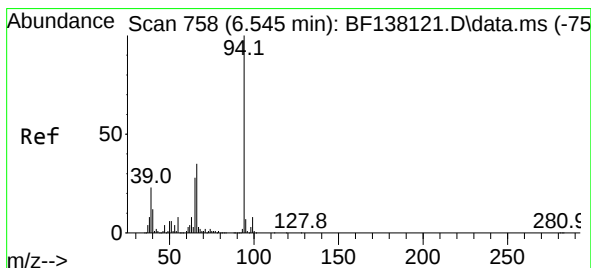
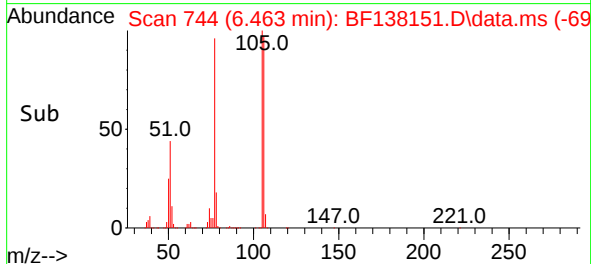
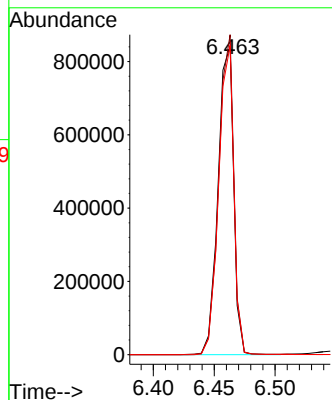
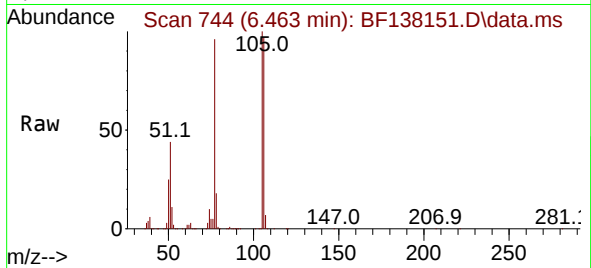
#9
Benzaldehyde
Concen: 50.414 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :
BNA_F
ClientSampleId :
PB161334BS

Tgt Ion: 77 Resp: 750799
Ion Ratio Lower Upper
77 100
105 103.7 75.8 115.8
106 100.2 73.9 113.9

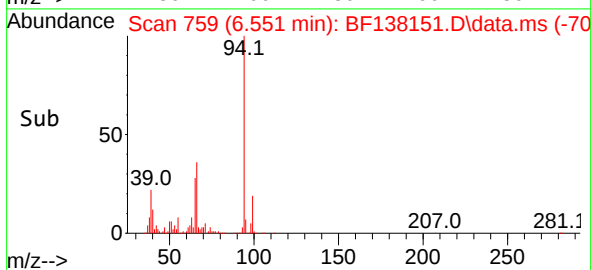
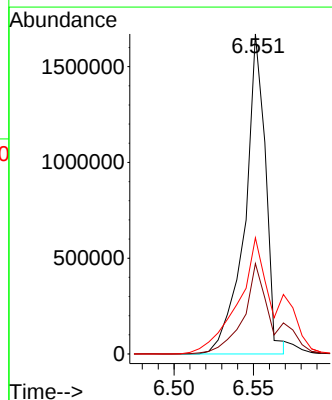
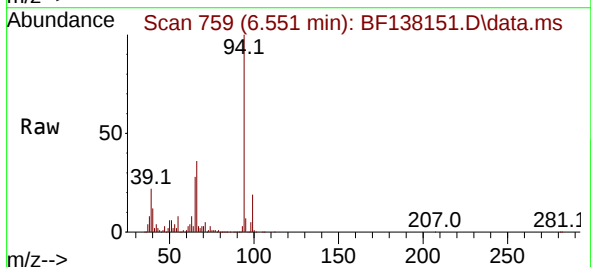
Manual Integrations
APPROVED

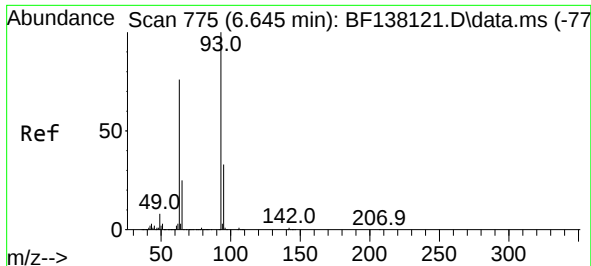
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#10
Phenol
Concen: 46.056 ng m
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion: 94 Resp: 1514820
Ion Ratio Lower Upper
94 100
65 28.2 7.9 47.9
66 36.3 15.5 55.5





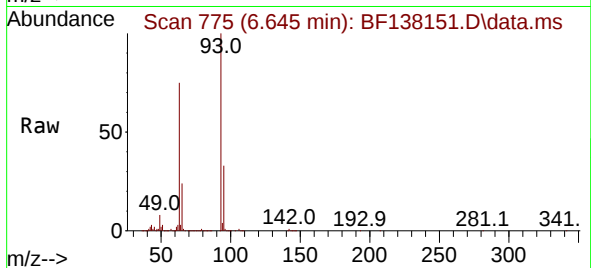
#11
bis(2-Chloroethyl)ether
Concen: 44.771 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS

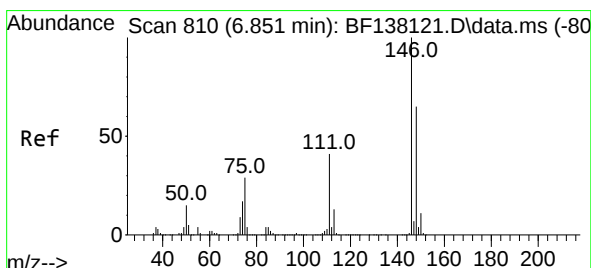
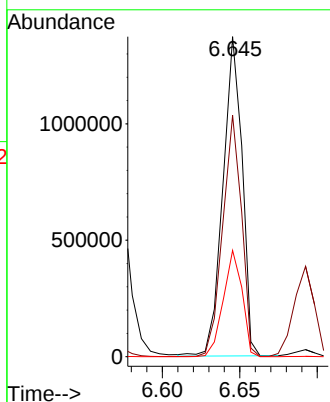
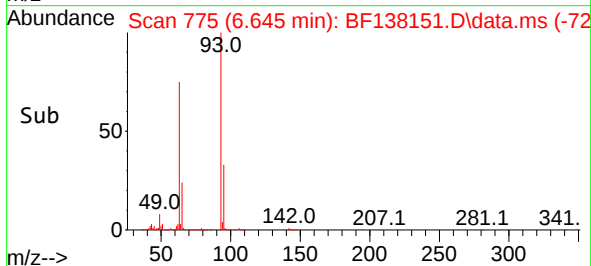


Tgt Ion: 93 Resp: 1180485
Ion Ratio Lower Upper
93 100
63 75.4 55.3 95.3
95 33.2 12.5 52.5

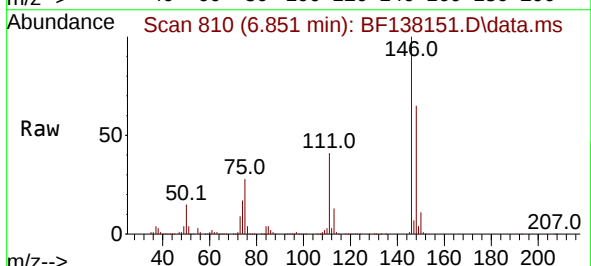
Manual Integrations

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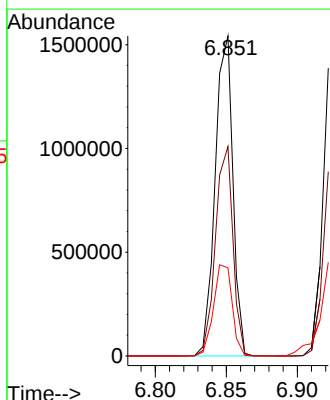
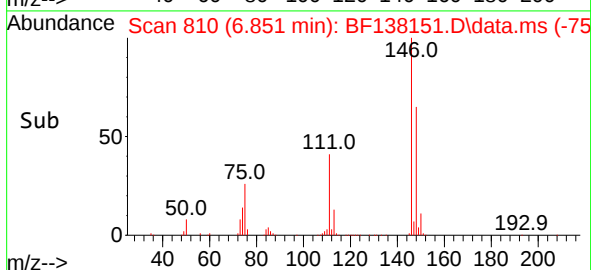
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

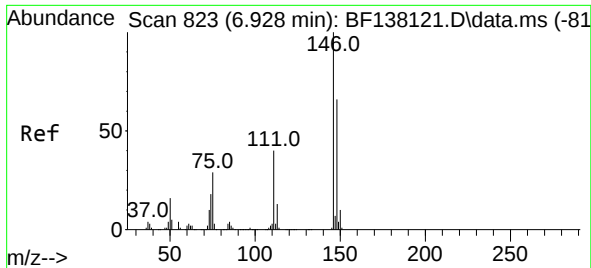


#12
1,3-Dichlorobenzene
Concen: 42.668 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



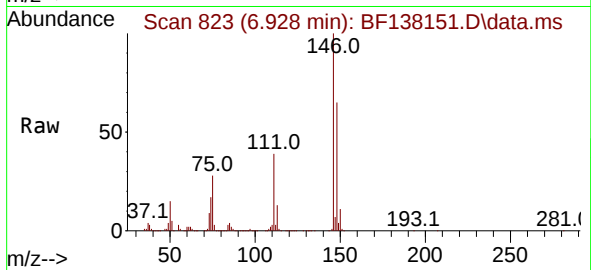
Tgt Ion:146 Resp: 1338264
Ion Ratio Lower Upper
146 100
148 65.5 52.2 78.2
75 27.5 23.0 34.6





#13
1,4-Dichlorobenzene
Concen: 43.277 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

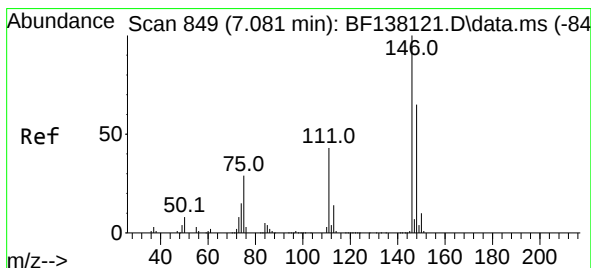
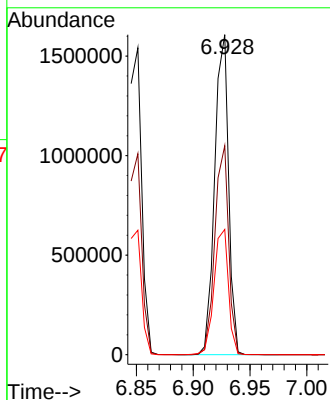
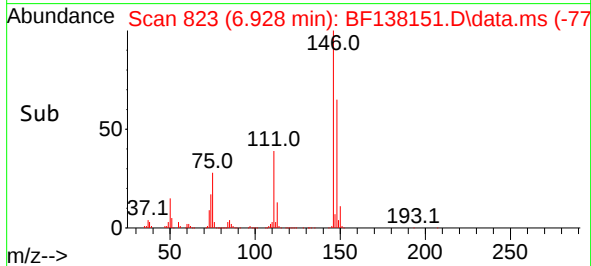
Instrument :
BNA_F
ClientSampleId :
PB161334BS



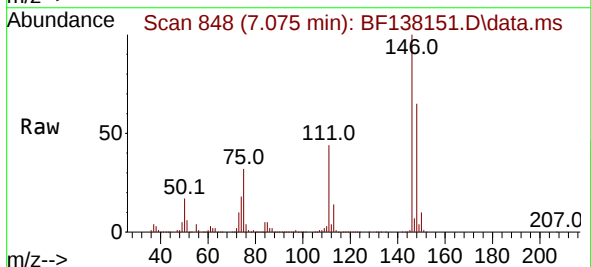
Tgt Ion:146 Resp: 136704
Ion Ratio Lower Upper
146 100
148 65.3 52.6 78.8
111 39.2 31.9 47.9

Manual Integrations
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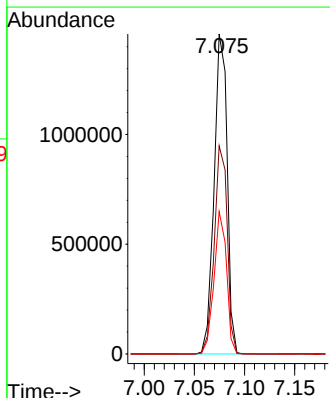
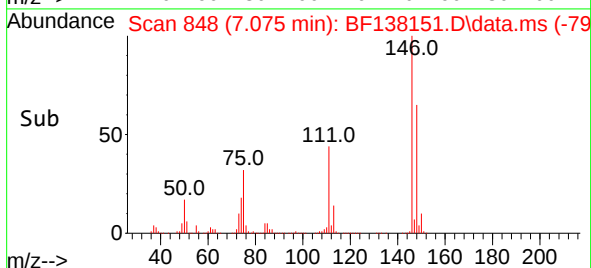
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

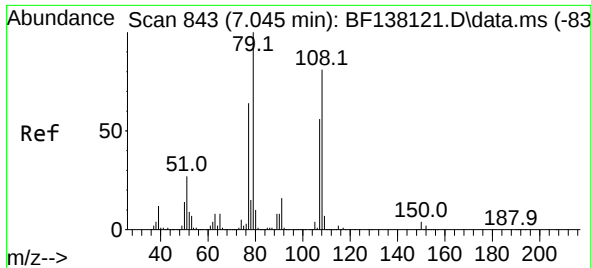


#14
1,2-Dichlorobenzene
Concen: 44.413 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



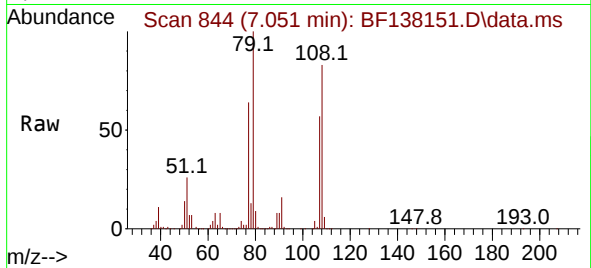
Tgt Ion:146 Resp: 1316893
Ion Ratio Lower Upper
146 100
148 65.0 51.6 77.4
111 44.5 34.3 51.5





#15
Benzyl Alcohol
Concen: 46.553 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

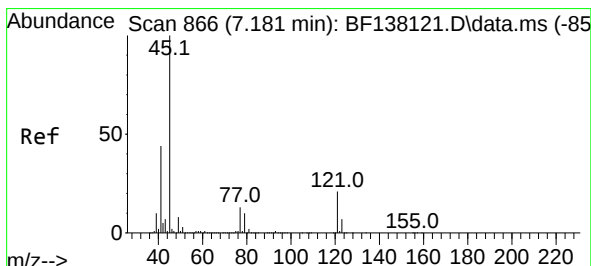
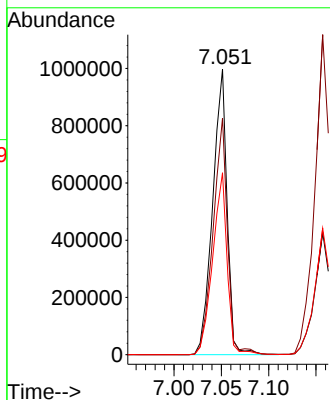
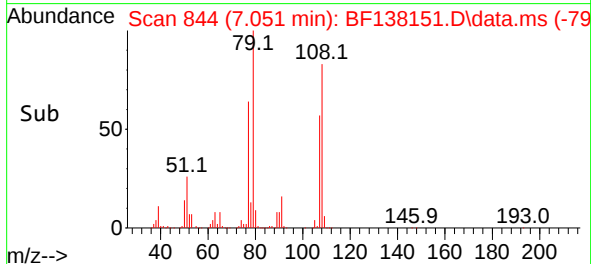
Instrument :
BNA_F
ClientSampleId :
PB161334BS



Tgt Ion: 79 Resp: 1054528
Ion Ratio Lower Upper
79 100
108 82.9 64.5 96.7
77 63.7 51.1 76.7

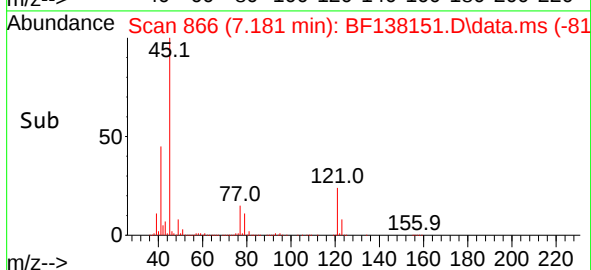
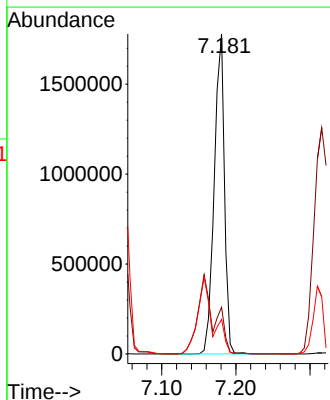
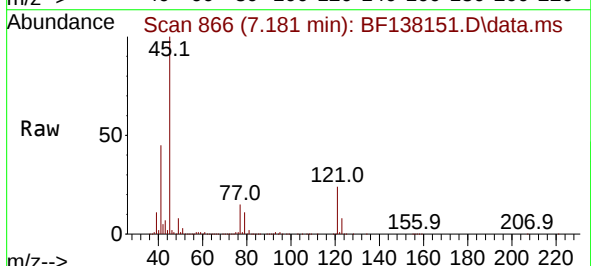
Manual Integrations
APPROVED

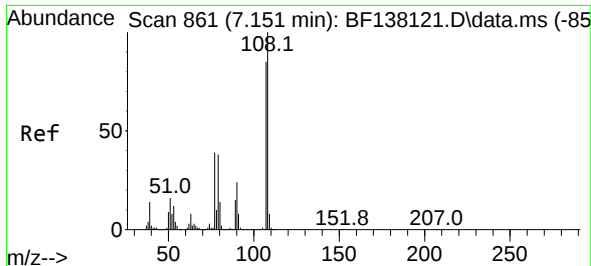
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.793 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion: 45 Resp: 1695179
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.2
79 10.8 0.0 29.9





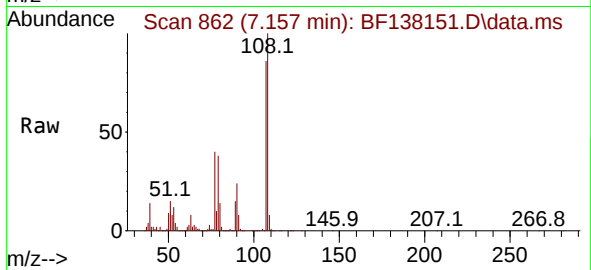
#17
2-Methylphenol
Concen: 45.952 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS

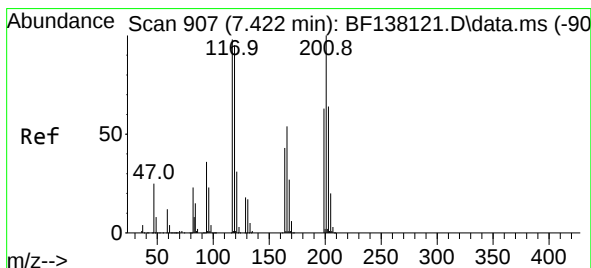
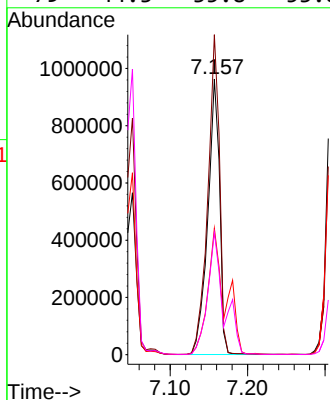
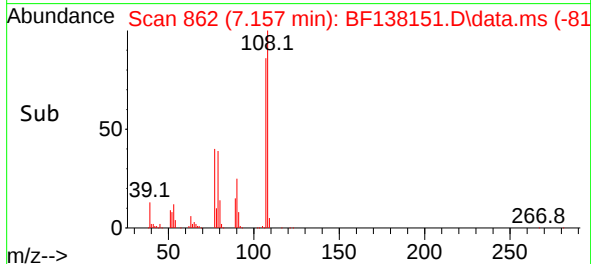


Tgt Ion:107 Resp: 1018149
Ion Ratio Lower Upper
107 100
108 116.1 94.2 141.2
77 45.9 36.7 55.1
79 44.3 35.8 53.8

Manual Integrations

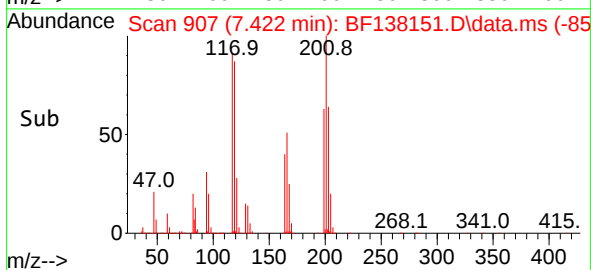
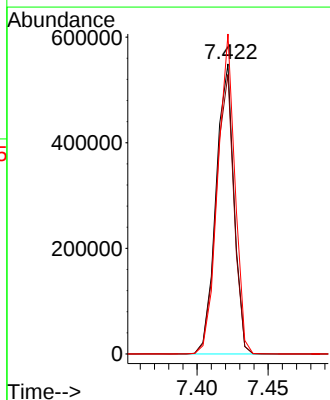
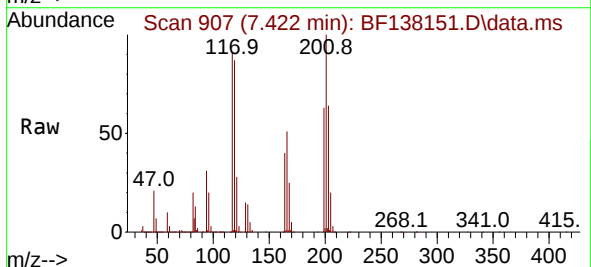
APPROVED

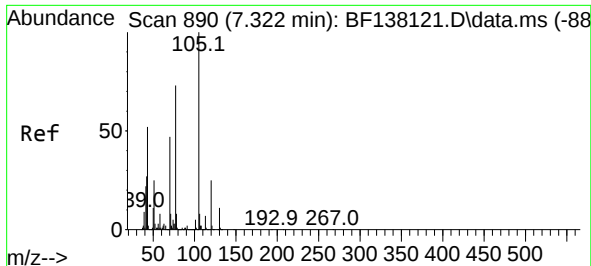
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#18
Hexachloroethane
Concen: 44.727 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion:117 Resp: 482217
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5
201 110.3 81.7 122.5





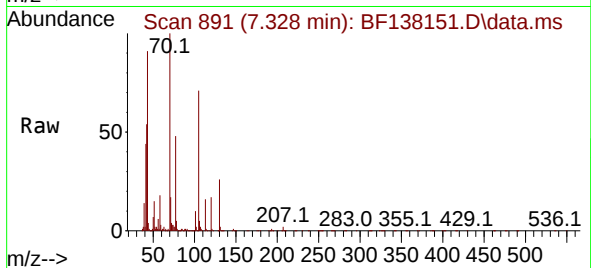
#19
n-Nitroso-di-n-propylamine
Concen: 43.104 ng
RT: 7.328 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

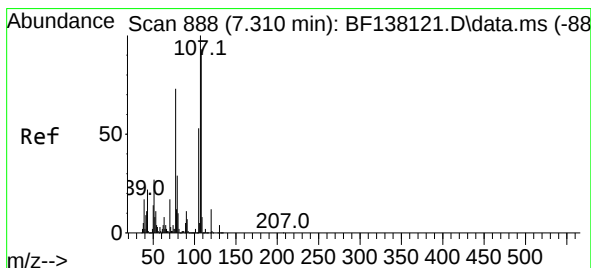
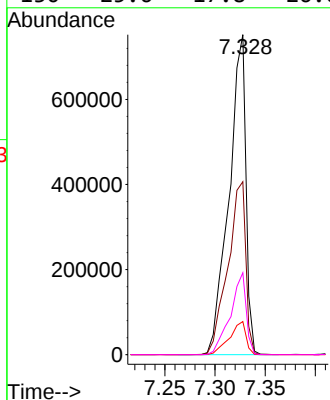
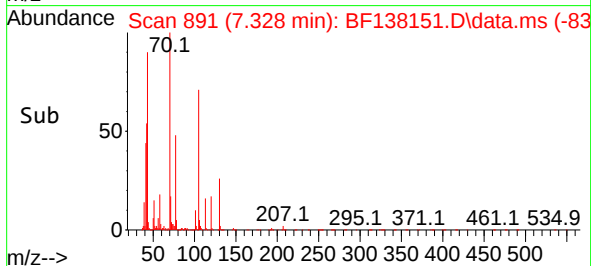
PB161334BS



Tgt Ion: 70 Resp: 879899
Ion Ratio Lower Upper
70 100
42 54.0 46.3 69.5
101 10.3 7.7 11.5
130 25.6 17.8 26.6

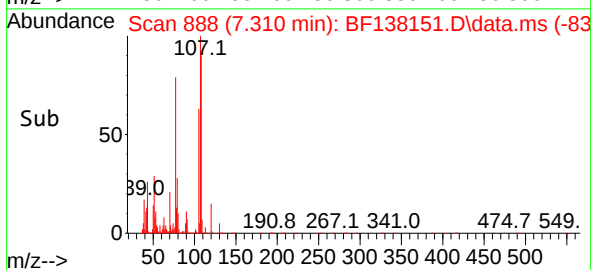
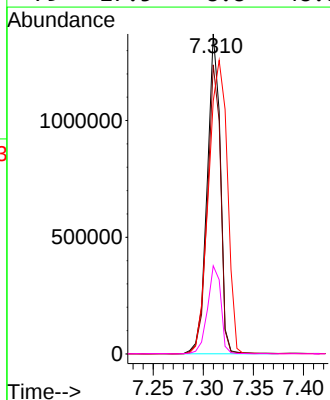
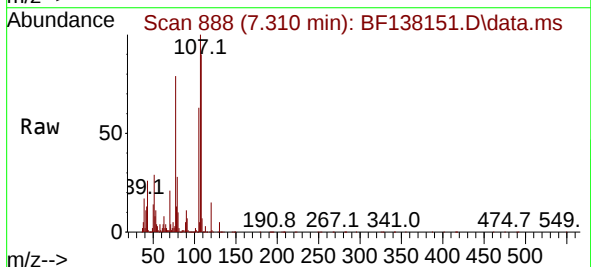
Manual Integrations
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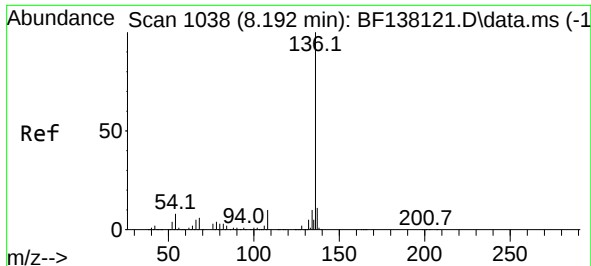
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#20
3+4-Methylphenols
Concen: 45.568 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion:107 Resp: 1256329
Ion Ratio Lower Upper
107 100
108 90.3 73.0 113.0
77 79.1 53.2 93.2
79 27.5 8.8 48.8





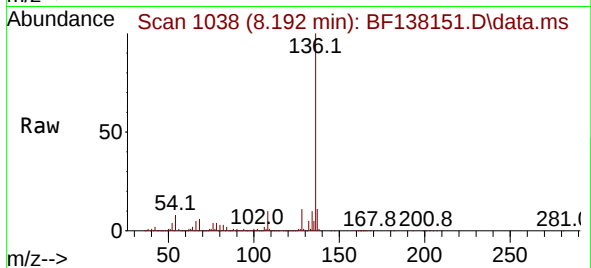
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS



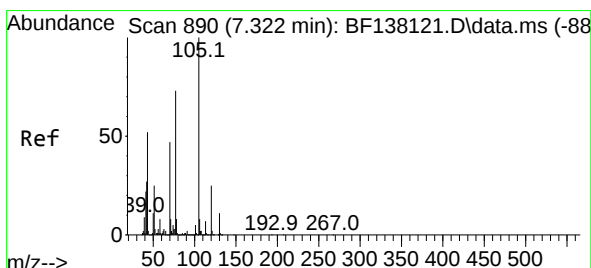
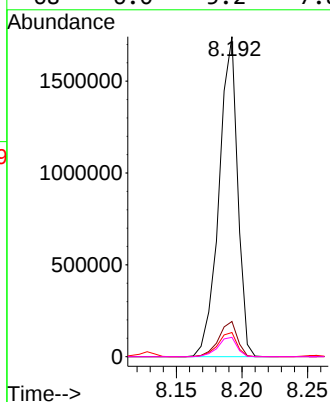
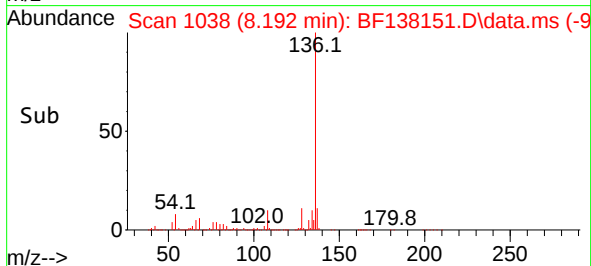
Tgt Ion:136 Resp: 1719569
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.5 6.2 9.2
68 6.0 5.2 7.8

Manual Integrations

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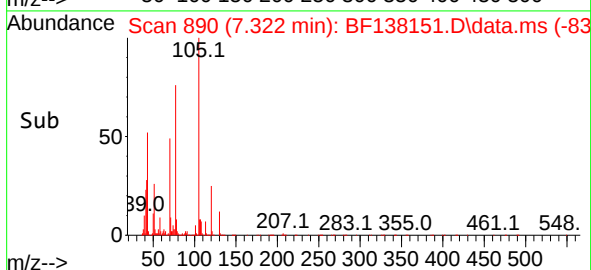
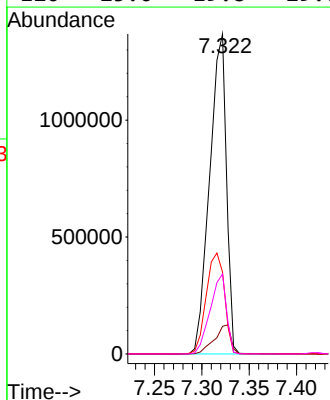
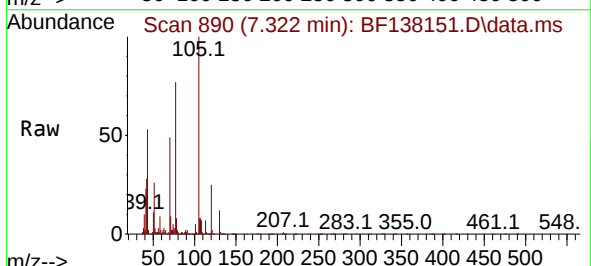
Reviewed By :Yogesh Patel 06/08/2024

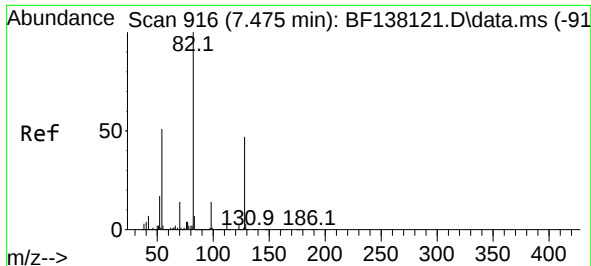
Supervised By :mohammad ahmed 06/10/2024



#22
Acetophenone
Concen: 42.621 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion:105 Resp: 1687236
Ion Ratio Lower Upper
105 100
71 8.6 6.3 9.5
51 25.6 19.8 29.6
120 25.0 19.8 29.6





#23
Nitrobenzene-d5
Concen: 95.675 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNF_F

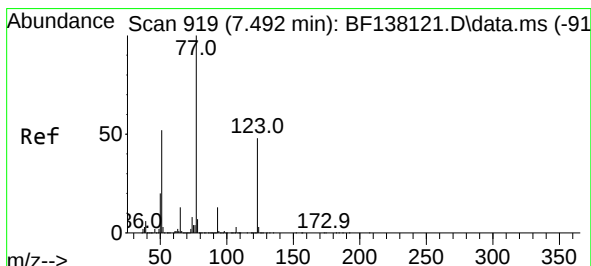
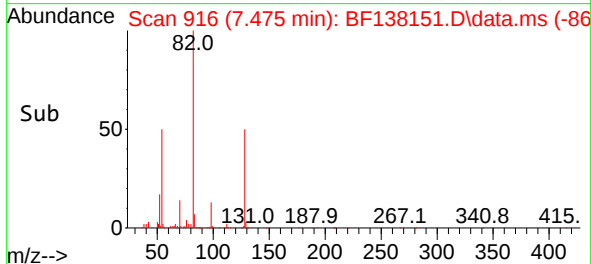
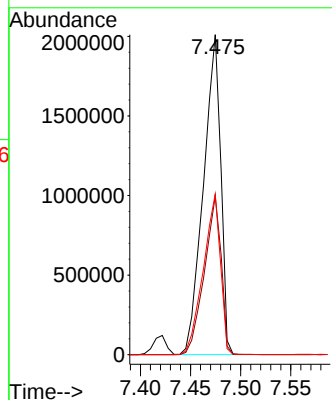
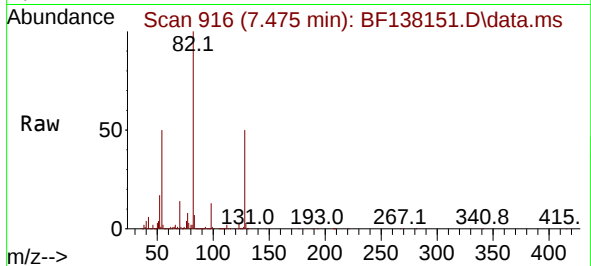
ClientSampleId :

PB161334BS

Tgt Ion: 82 Resp: 2418079
Ion Ratio Lower Upper
82 100
128 49.6 37.7 56.5
54 50.2 40.8 61.2

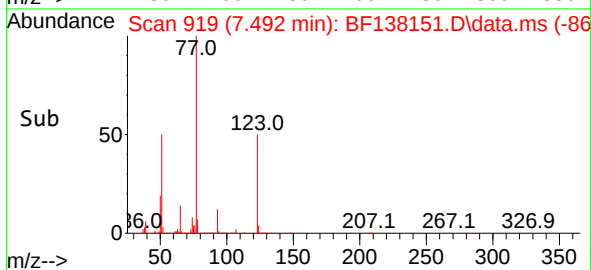
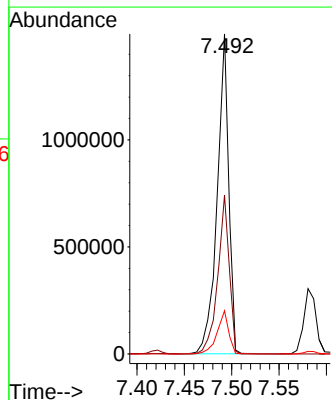
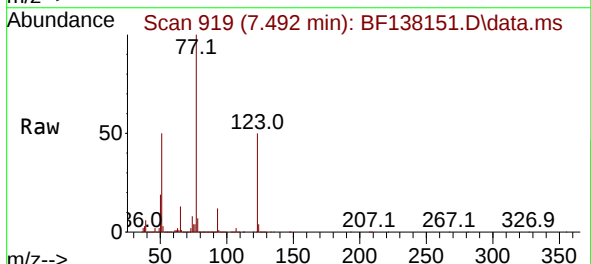
Manual Integrations
APPROVED

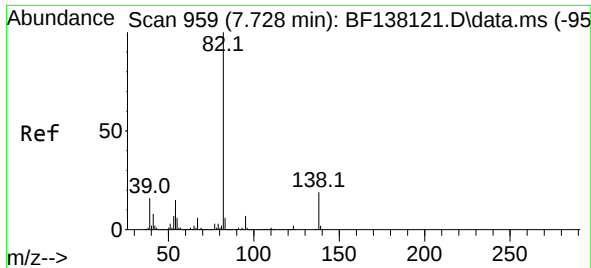
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#24
Nitrobenzene
Concen: 46.195 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion: 77 Resp: 1271860
Ion Ratio Lower Upper
77 100
123 49.7 38.2 57.2
65 13.5 10.7 16.1





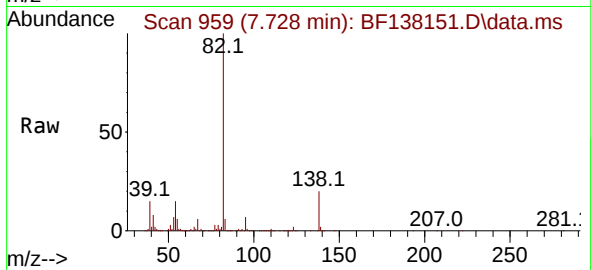
#25
Isophorone
Concen: 43.106 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

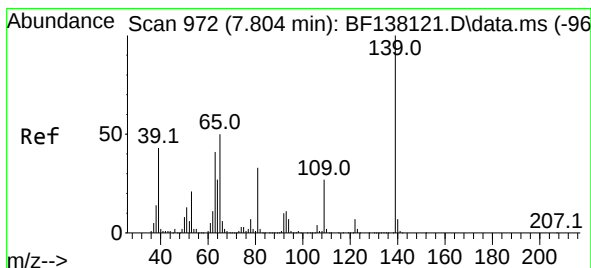
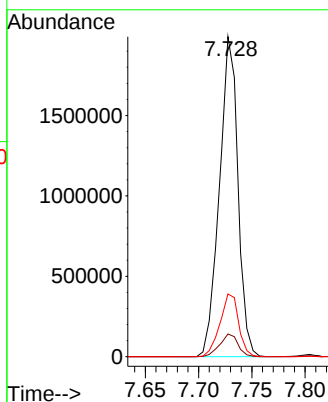
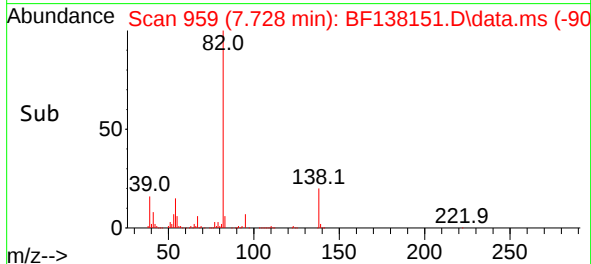
PB161334BS



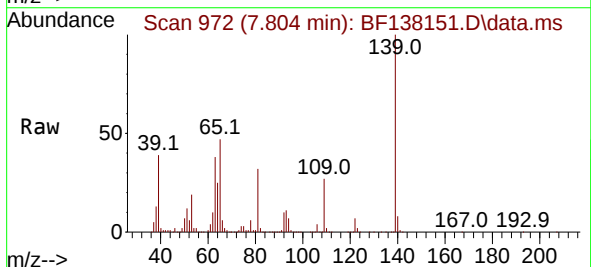
Tgt Ion: 82 Resp: 240012
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.6 15.5 23.3

Manual Integrations
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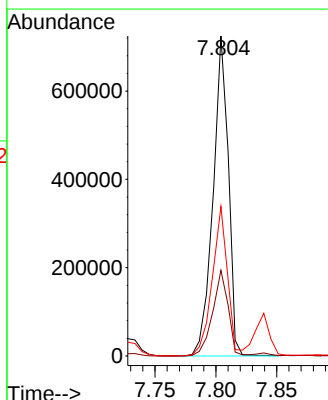
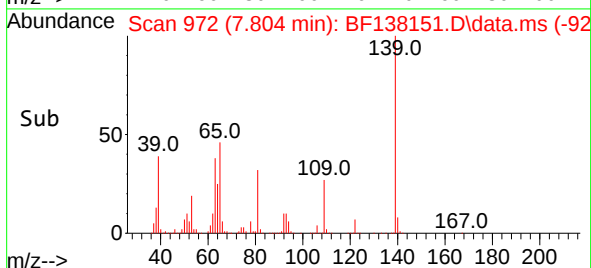
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

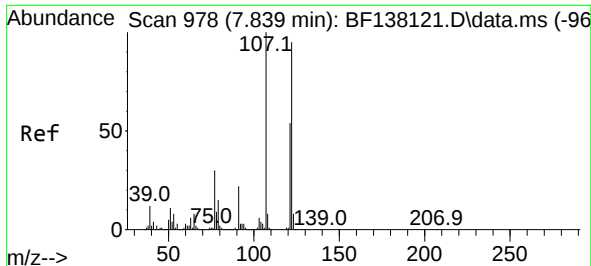


#26
2-Nitrophenol
Concen: 52.982 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



Tgt Ion:139 Resp: 631960
Ion Ratio Lower Upper
139 100
109 26.8 21.8 32.6
65 46.7 40.1 60.1





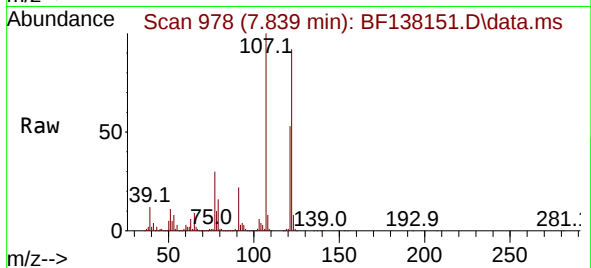
#27
2,4-Dimethylphenol
Concen: 49.518 ng
RT: 7.839 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS



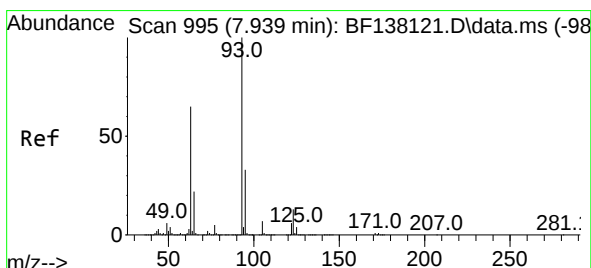
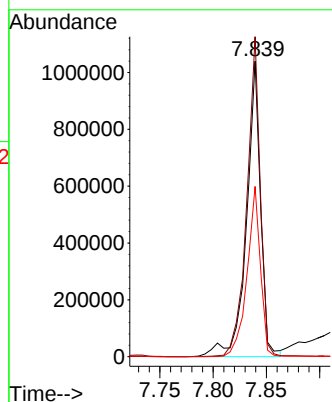
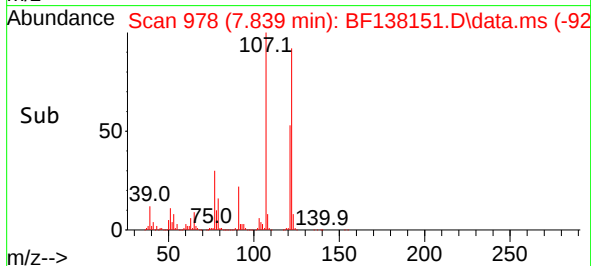
Tgt Ion:122 Resp: 95770
Ion Ratio Lower Upper
122 100
107 108.3 84.2 126.2
121 57.6 45.4 68.0

Manual Integrations

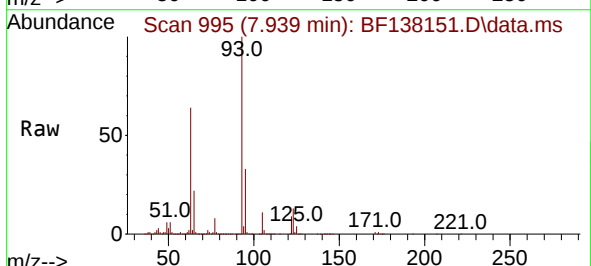
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

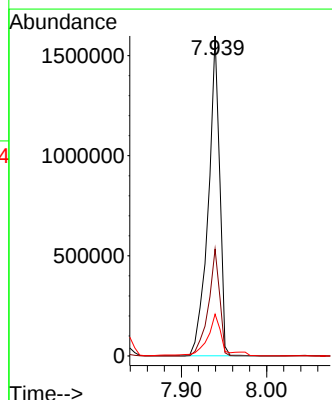
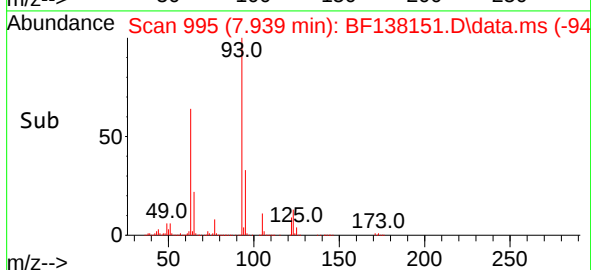
Supervised By :mohammad ahmed 06/10/2024

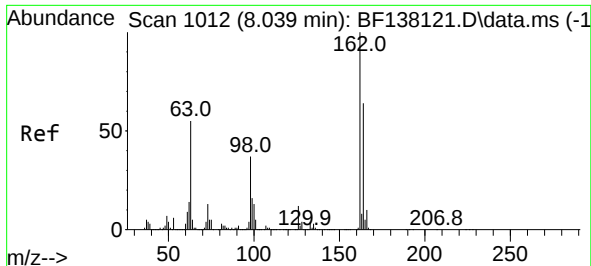


#28
bis(2-Chloroethoxy)methane
Concen: 43.609 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



Tgt Ion: 93 Resp: 1479040
Ion Ratio Lower Upper
93 100
95 33.4 26.6 39.8
123 13.1 10.2 15.2





#29

2,4-Dichlorophenol

Concen: 47.978 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.006 min

Lab File: BF138151.D

Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS

Tgt Ion:162 Resp: 111837

Ion Ratio Lower Upper

162 100

164 65.1 44.1 84.1

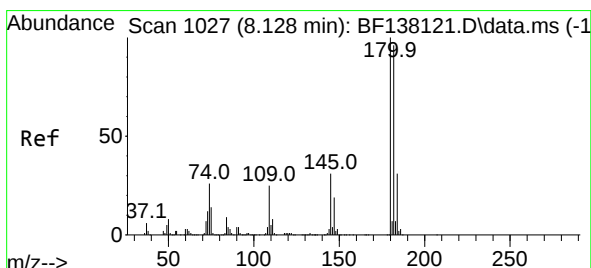
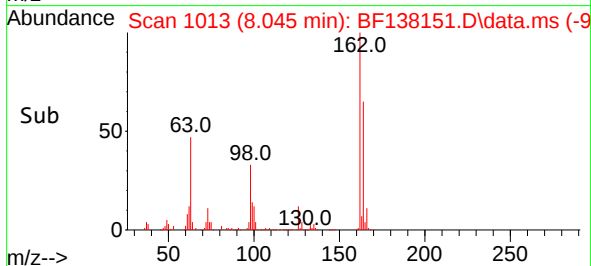
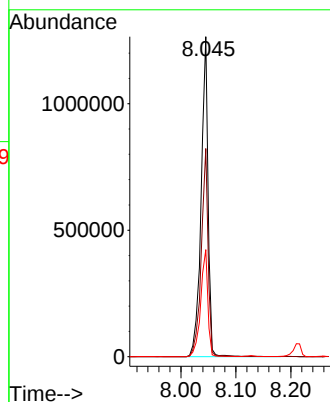
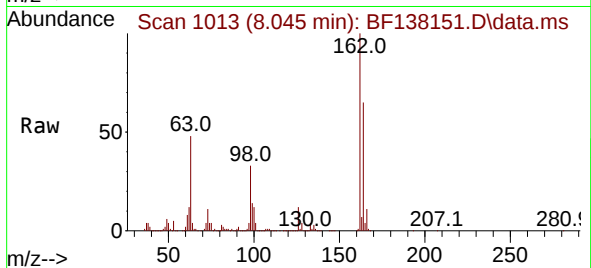
98 33.4 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.285 ng

RT: 8.128 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF138151.D

Acq: 07 Jun 2024 10:35

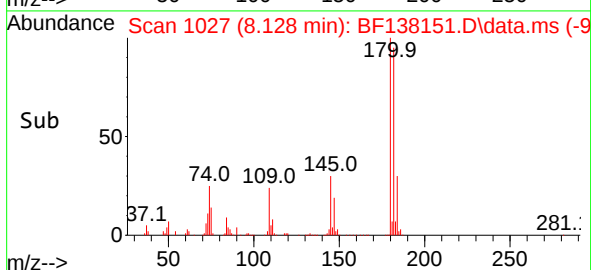
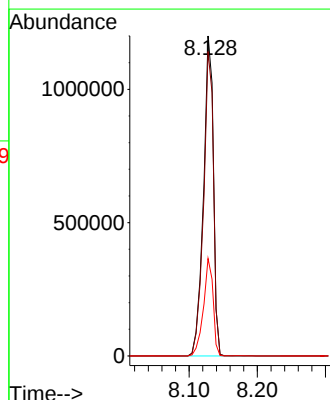
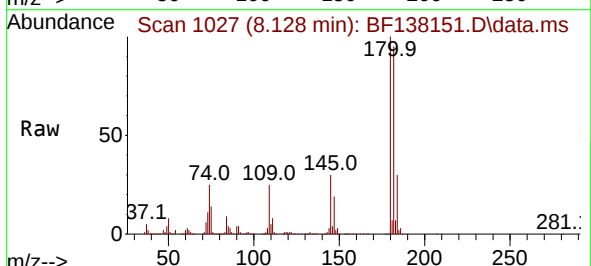
Tgt Ion:180 Resp: 1217434

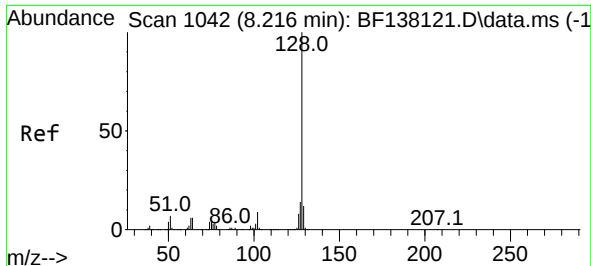
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

145 30.4 24.8 37.2





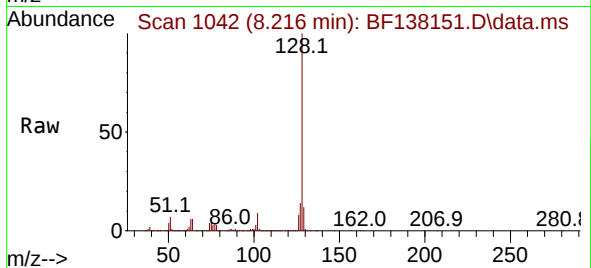
#31
Naphthalene
Concen: 42.772 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS



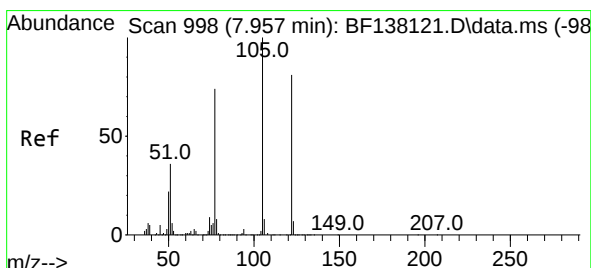
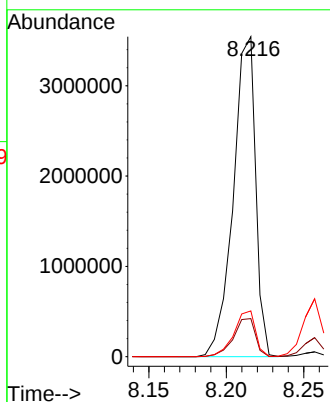
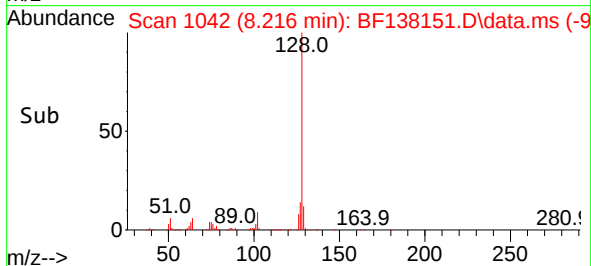
Tgt Ion:128 Resp: 355742
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 14.3 11.2 16.8

Manual Integrations

APPROVED

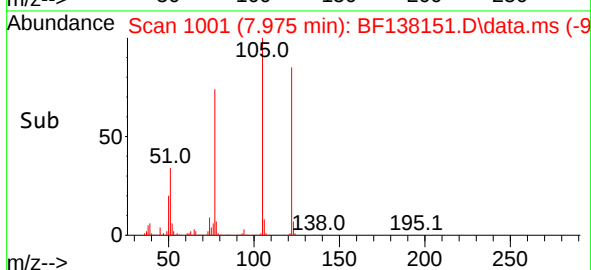
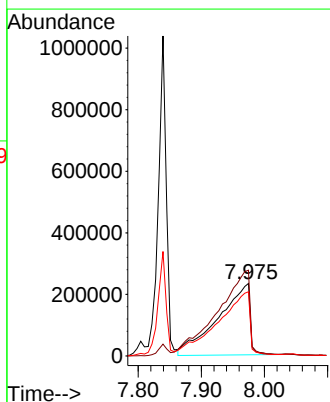
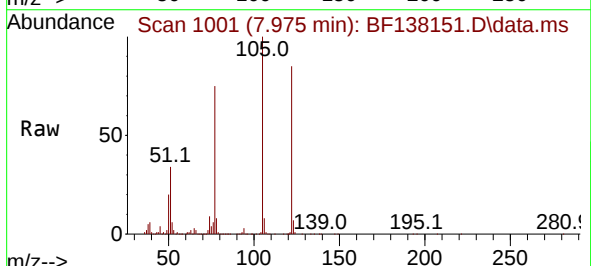
Reviewed By :Yogesh Patel 06/08/2024

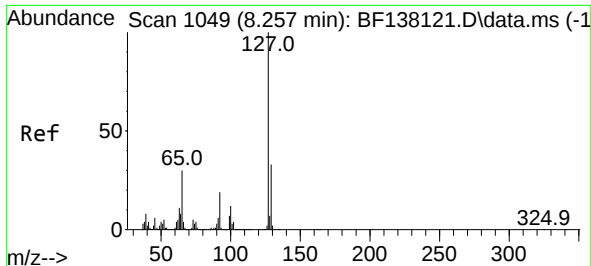
Supervised By :mohammad ahmed 06/10/2024



#32
Benzoic acid
Concen: 52.682 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.018 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion:122 Resp: 809502
Ion Ratio Lower Upper
122 100
105 118.3 102.8 142.8
77 88.4 71.2 111.2





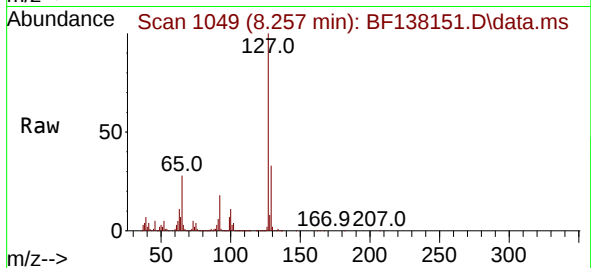
#33
4-Chloroaniline
Concen: 18.521 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS



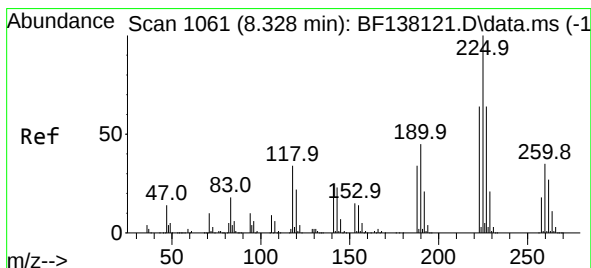
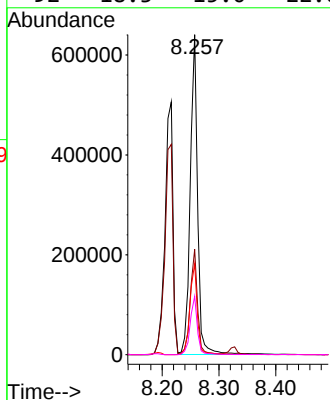
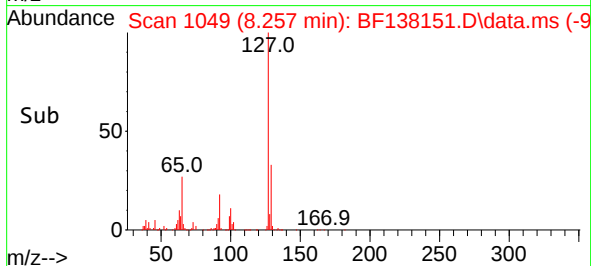
Tgt Ion:127 Resp: 578950
Ion Ratio Lower Upper
127 100
129 33.0 26.5 39.7
65 28.4 24.0 36.0
92 18.3 15.0 22.6

Manual Integrations

APPROVED

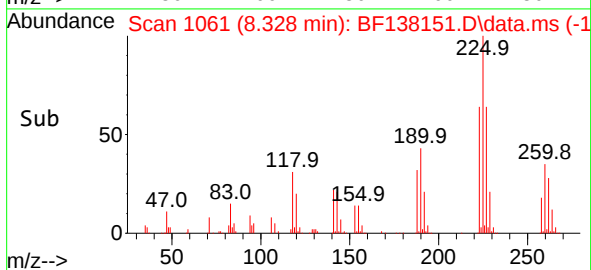
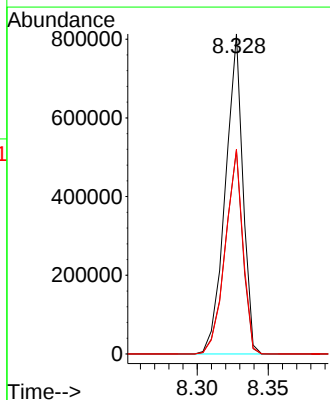
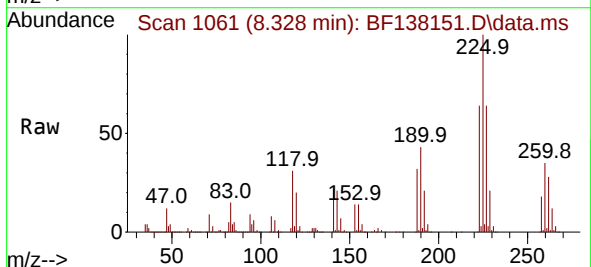
Reviewed By :Yogesh Patel 06/08/2024

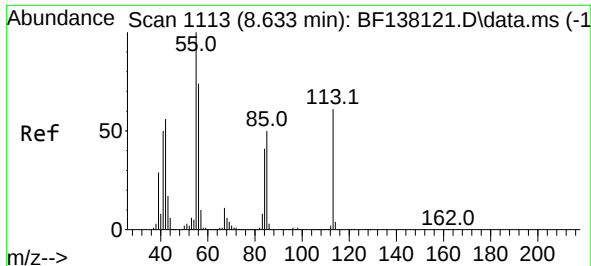
Supervised By :mohammad ahmed 06/10/2024



#34
Hexachlorobutadiene
Concen: 42.176 ng
RT: 8.328 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

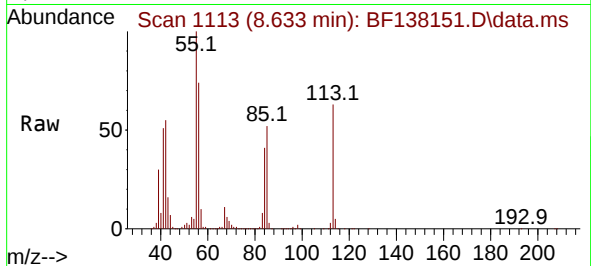
Tgt Ion:225 Resp: 697083
Ion Ratio Lower Upper
225 100
223 63.6 50.9 76.3
227 64.0 51.2 76.8





#35
Caprolactam
Concen: 44.390 ng m
RT: 8.633 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

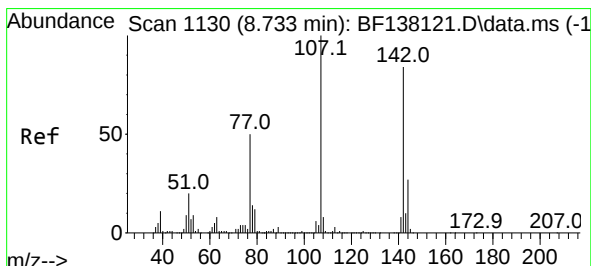
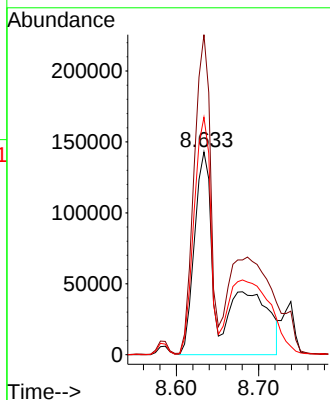
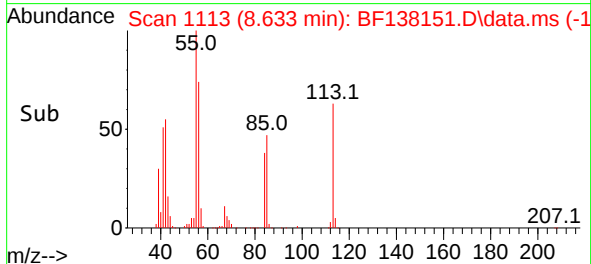
Instrument :
BNA_F
ClientSampleId :
PB161334BS



Tgt Ion:113 Resp: 34551
Ion Ratio Lower Upper
113 100
55 157.8 144.5 184.5
56 117.1 102.0 142.0

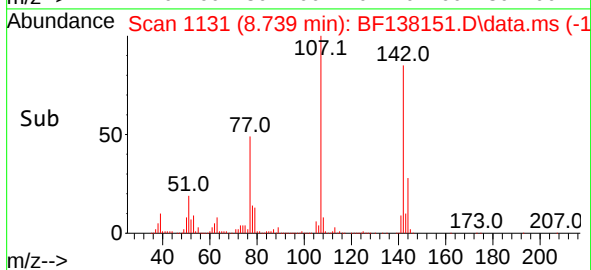
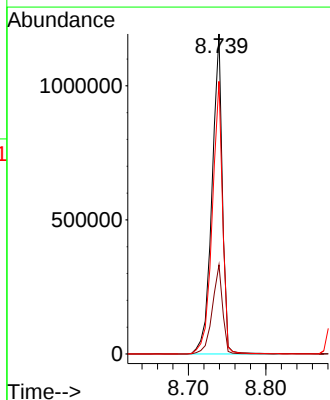
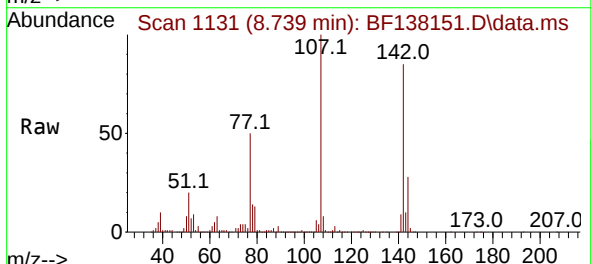
Manual Integrations
APPROVED

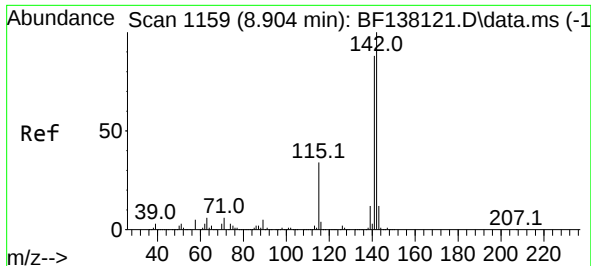
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#36
4-Chloro-3-methylphenol
Concen: 46.378 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion:107 Resp: 1107842
Ion Ratio Lower Upper
107 100
144 27.8 21.7 32.5
142 85.2 67.0 100.4





#37
2-Methylnaphthalene
Concen: 43.554 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

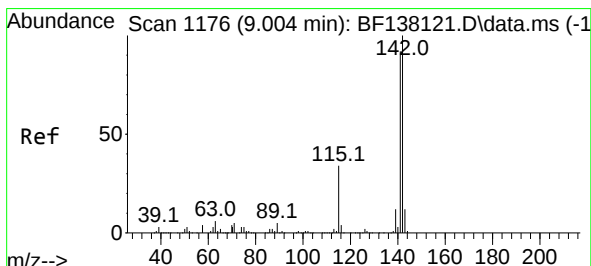
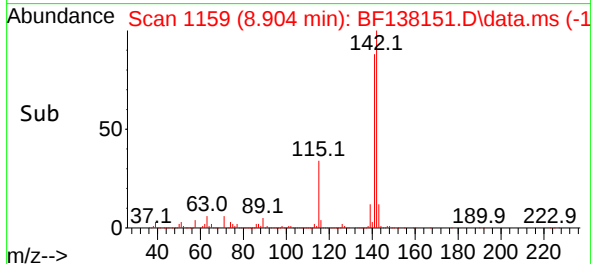
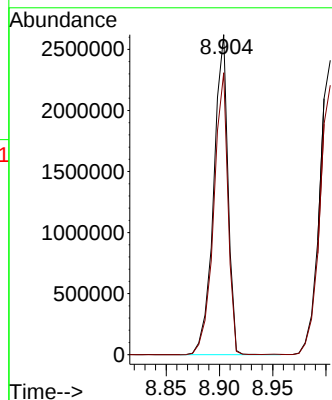
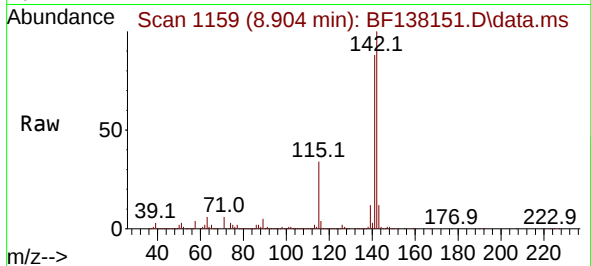
ClientSampleId :

PB161334BS

Tgt Ion:142 Resp: 244201
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7

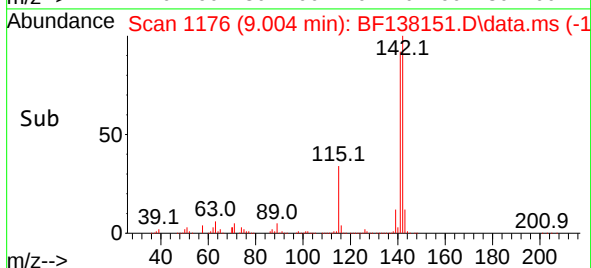
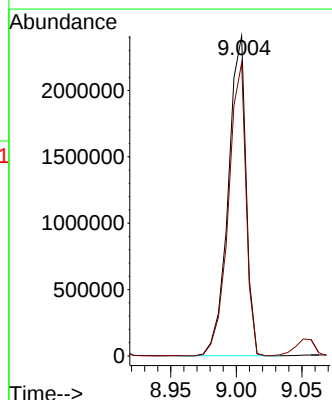
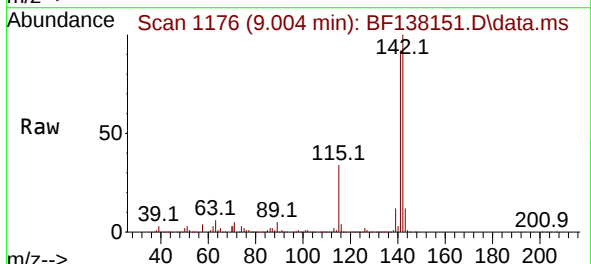
Manual Integrations
APPROVED

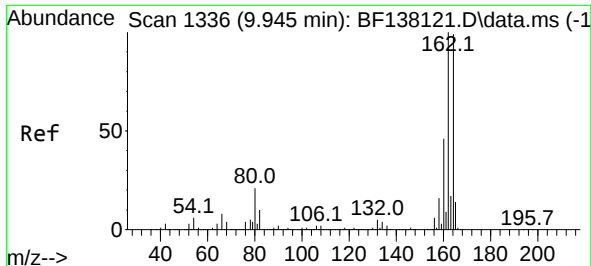
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#38
1-Methylnaphthalene
Concen: 41.566 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion:142 Resp: 2281892
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9





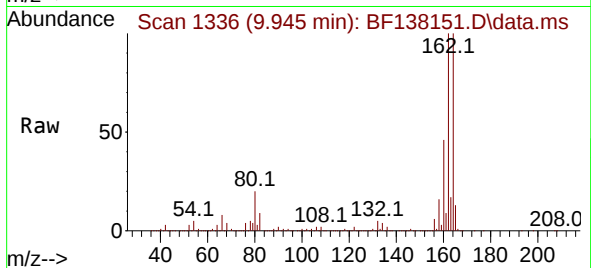
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS

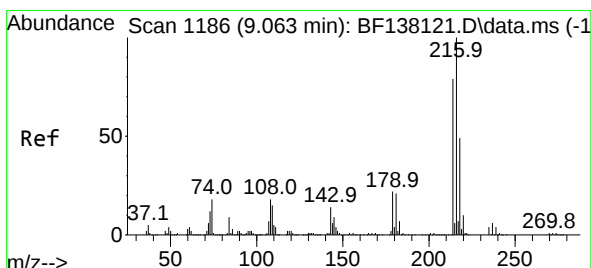
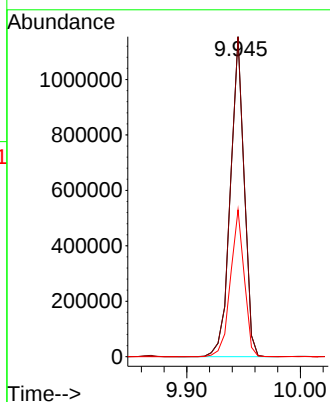
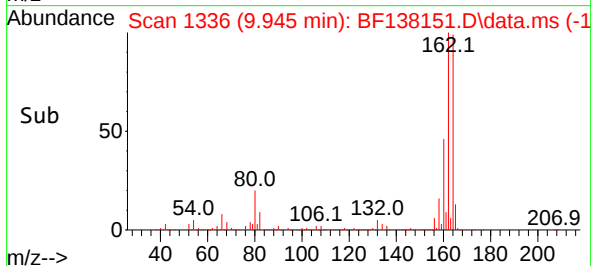


Tgt Ion:164 Resp: 972684
Ion Ratio Lower Upper
164 100
162 100.0 80.9 121.3
160 45.9 37.0 55.6

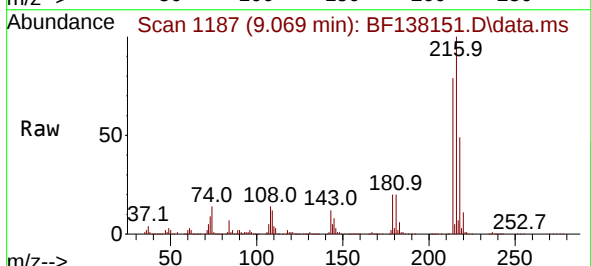
Manual Integrations

APPROVED

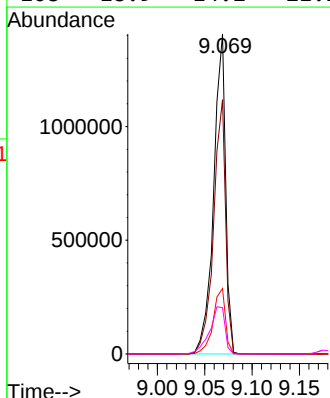
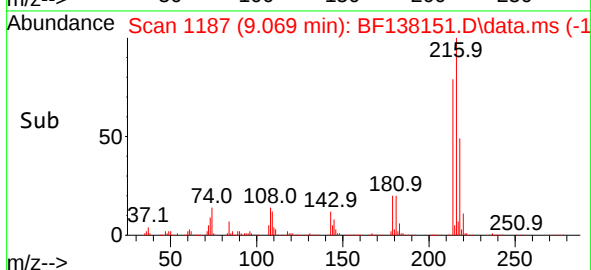
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

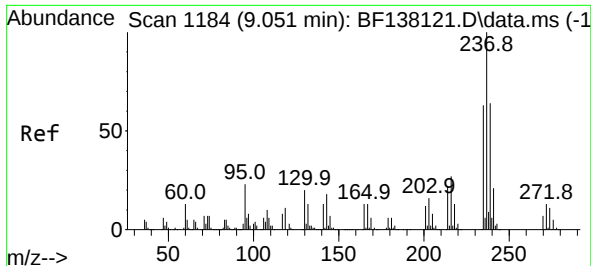


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.198 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



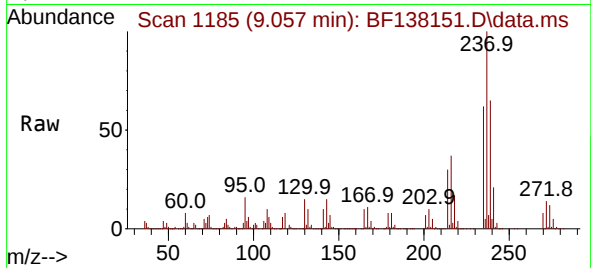
Tgt Ion:216 Resp: 1241205
Ion Ratio Lower Upper
216 100
214 79.7 63.3 94.9
179 21.1 16.9 25.3
108 18.9 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 126.139 ng
RT: 9.057 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

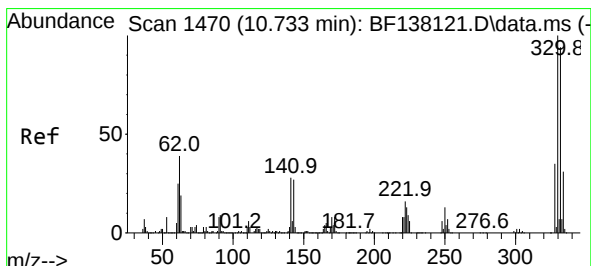
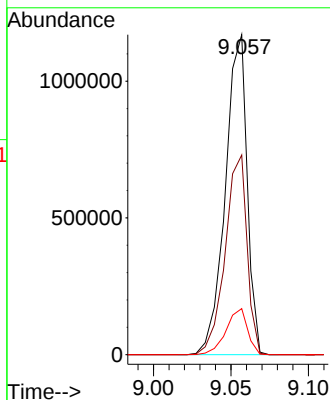
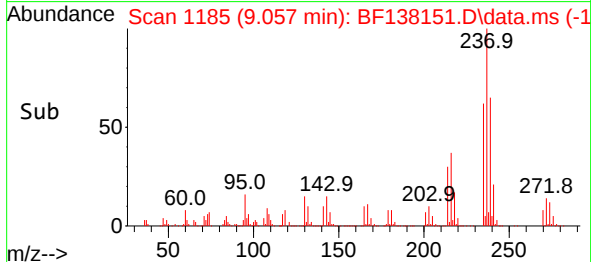
Instrument :
BNA_F
ClientSampleId :
PB161334BS



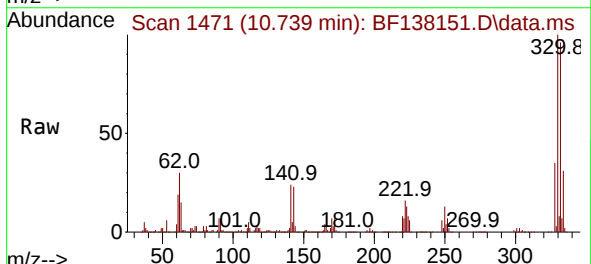
Tgt Ion:237 Resp: 1143520
Ion Ratio Lower Upper
237 100
235 62.4 43.4 83.4
272 14.4 0.0 33.3

Manual Integrations
APPROVED

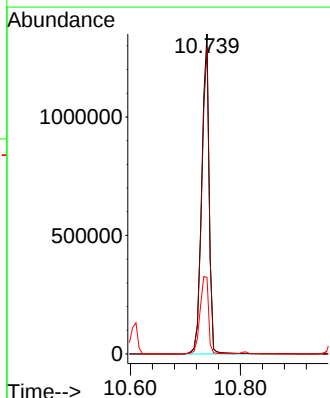
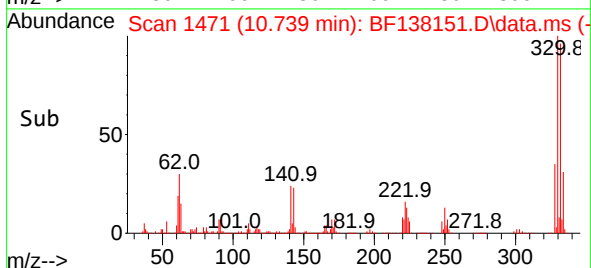
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

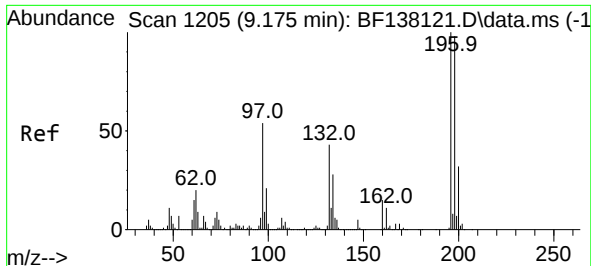


#42
2,4,6-Tribromophenol
Concen: 135.319 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



Tgt Ion:330 Resp: 1266699
Ion Ratio Lower Upper
330 100
332 96.0 75.8 113.8
141 27.5 23.2 34.8





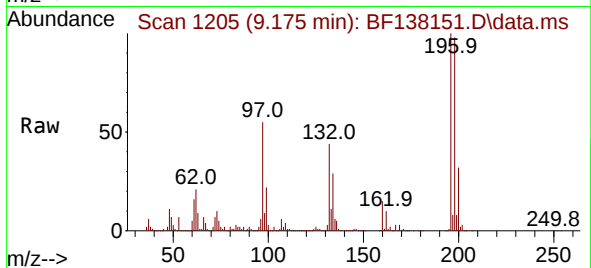
#43
2,4,6-Trichlorophenol
Concen: 50.582 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS

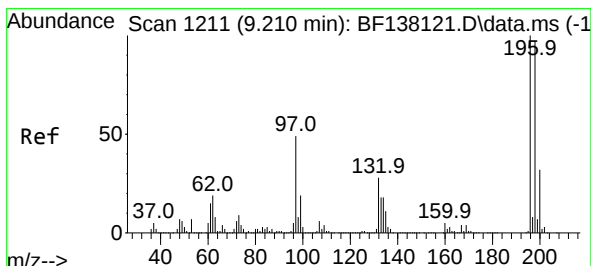
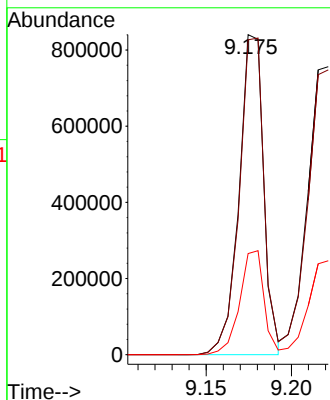
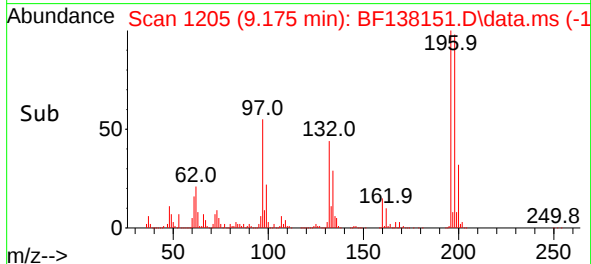


Tgt Ion:196 Resp: 843370
Ion Ratio Lower Upper
196 100
198 98.4 78.5 117.7
200 31.6 25.4 38.0

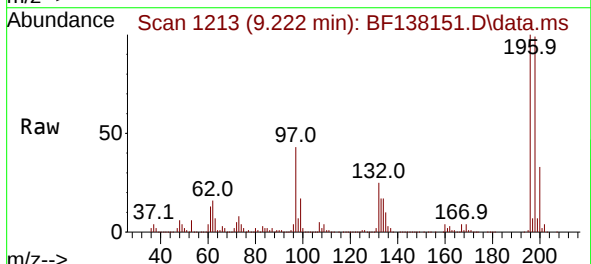
Manual Integrations

APPROVED

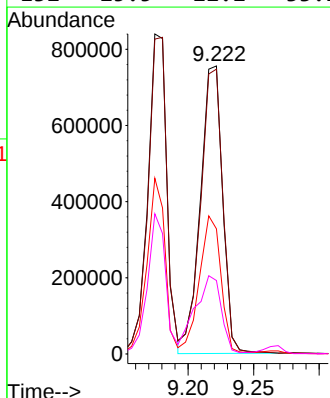
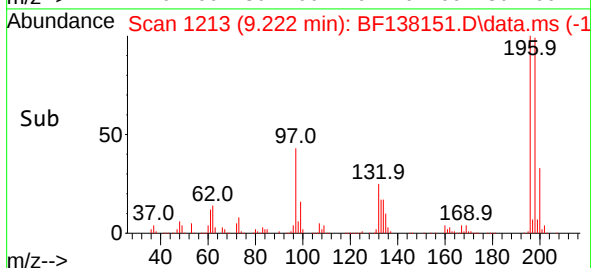
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

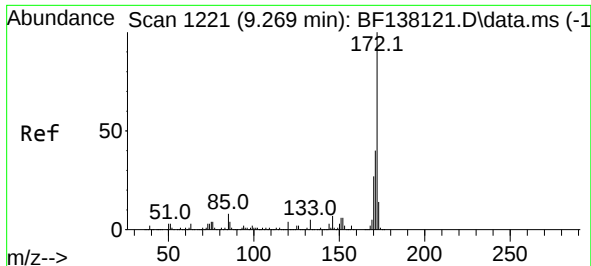


#44
2,4,5-Trichlorophenol
Concen: 48.745 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.012 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



Tgt Ion:196 Resp: 895569
Ion Ratio Lower Upper
196 100
198 98.9 77.4 116.0
97 43.4 39.5 59.3
132 25.5 22.2 33.2





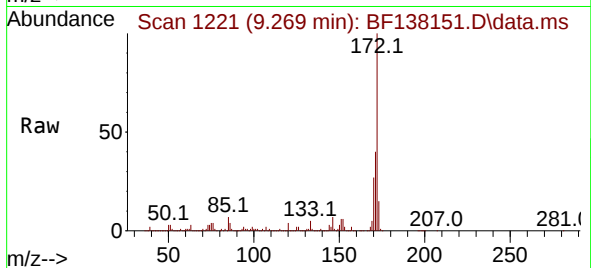
#45
2-Fluorobiphenyl
Concen: 82.394 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS



Tgt Ion:172 Resp: 458342

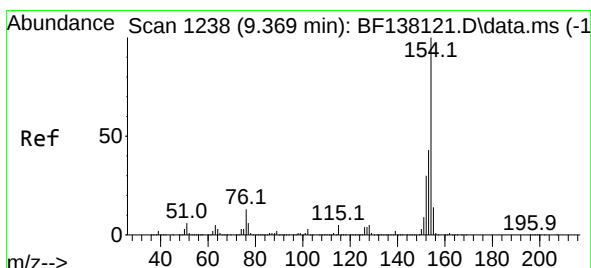
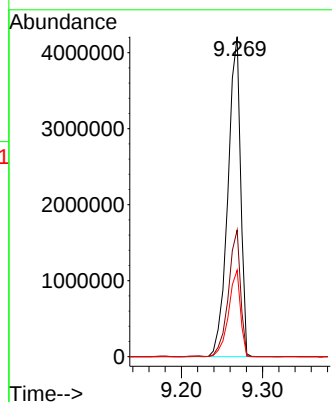
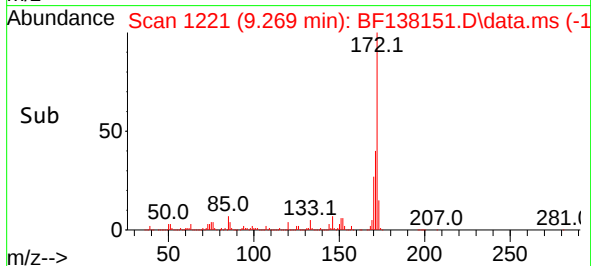
Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.6	47.4
170	27.1	21.4	32.2

Manual Integrations

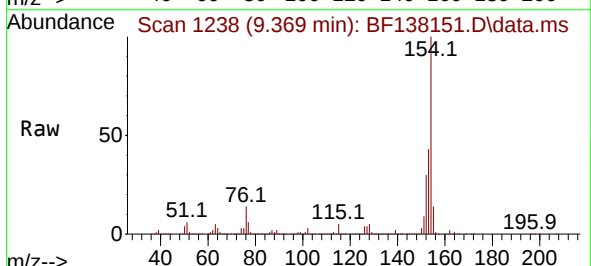
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024

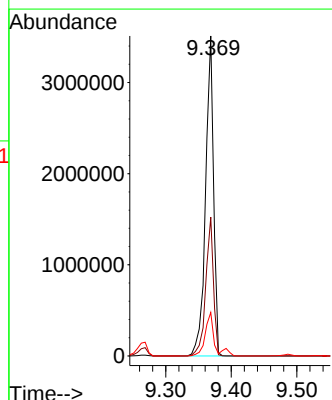
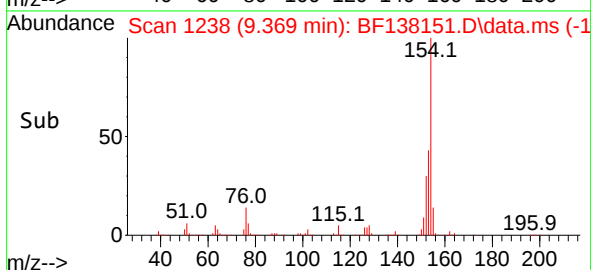


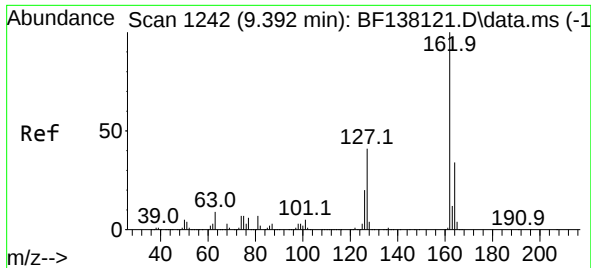
#46
1,1'-Biphenyl
Concen: 43.794 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



Tgt Ion:154 Resp: 2992167

Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.7	62.7
76	13.6	0.0	33.3





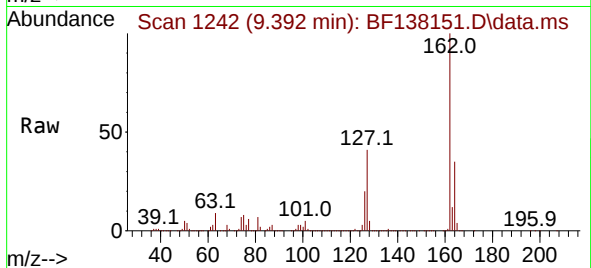
#47
2-Chloronaphthalene
Concen: 43.438 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS

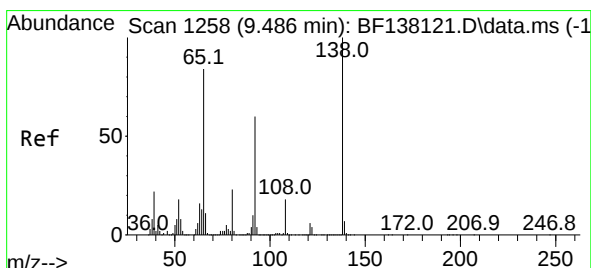
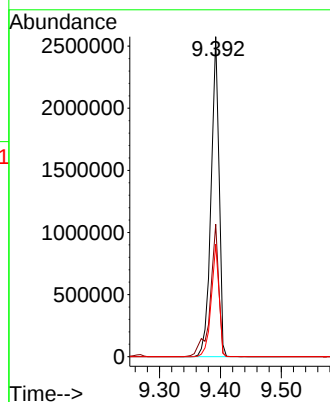
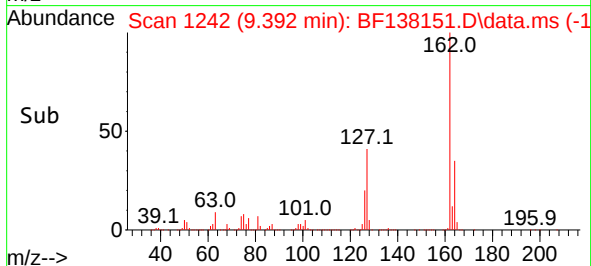


Tgt Ion:162 Resp: 236518
Ion Ratio Lower Upper
162 100
127 41.4 33.0 49.4
164 35.2 27.5 41.3

Manual Integrations

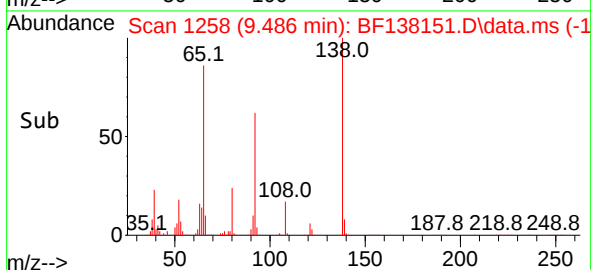
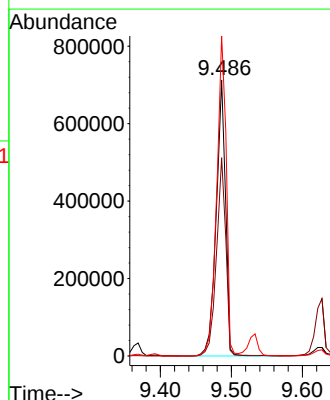
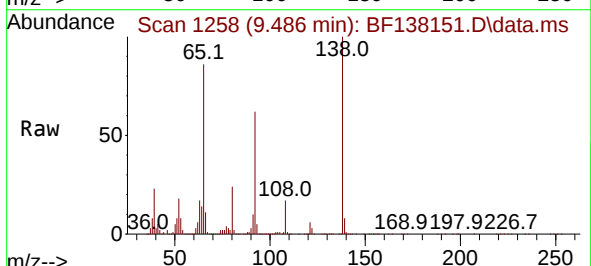
APPROVED

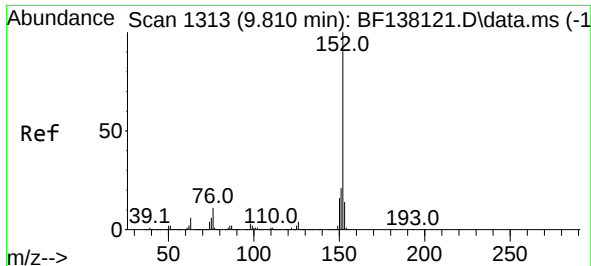
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#48
2-Nitroaniline
Concen: 48.354 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion: 65 Resp: 654763
Ion Ratio Lower Upper
65 100
92 71.8 57.3 85.9
138 115.9 95.4 143.2





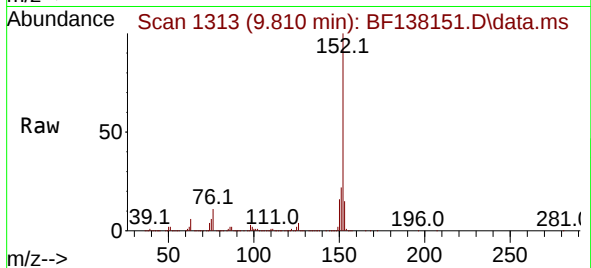
#49
Acenaphthylene
Concen: 46.310 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS



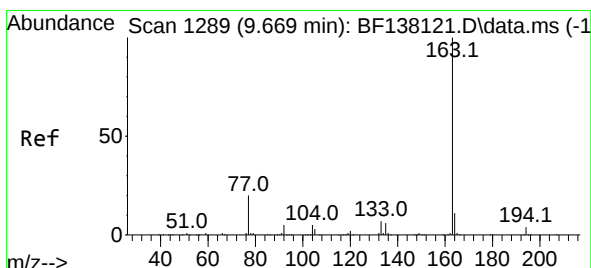
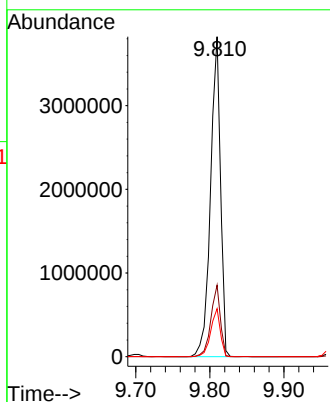
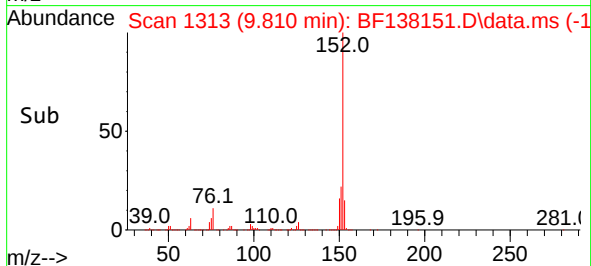
Tgt Ion:152 Resp: 3568260
Ion Ratio Lower Upper
152 100
151 22.4 17.1 25.7
153 15.0 11.6 17.4

Manual Integrations

APPROVED

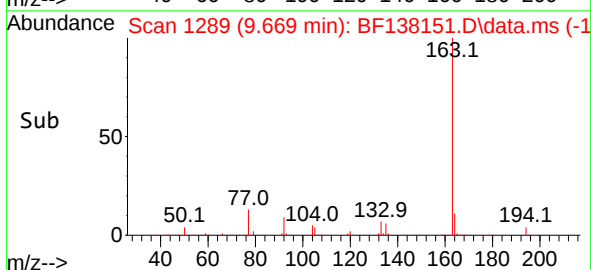
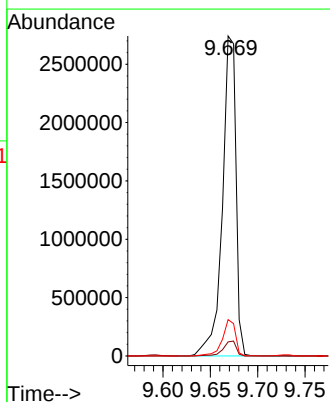
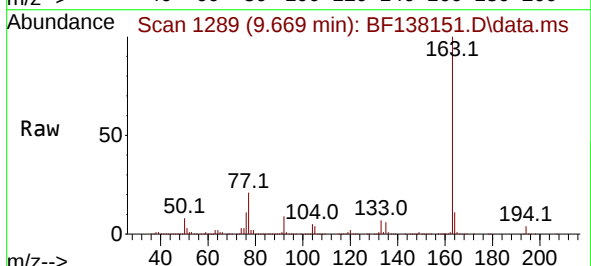
Reviewed By :Yogesh Patel 06/08/2024

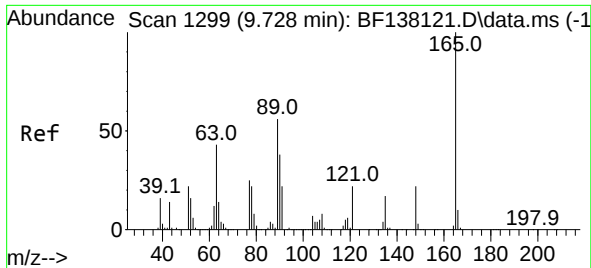
Supervised By :mohammad ahmed 06/10/2024



#50
Dimethylphthalate
Concen: 45.020 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion:163 Resp: 2751537
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 11.4 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 47.286 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.001 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

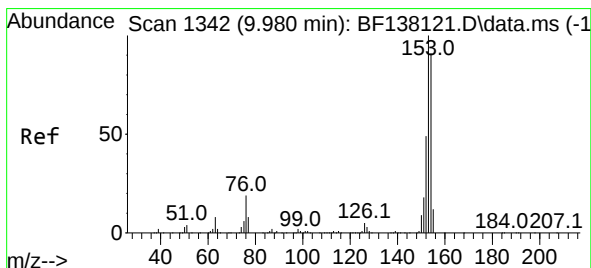
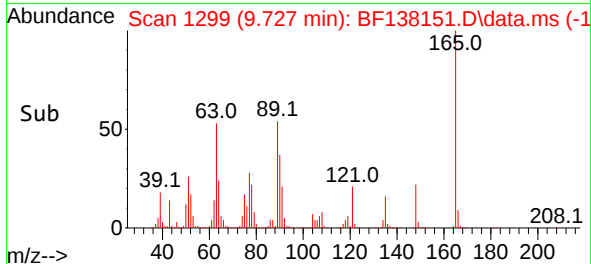
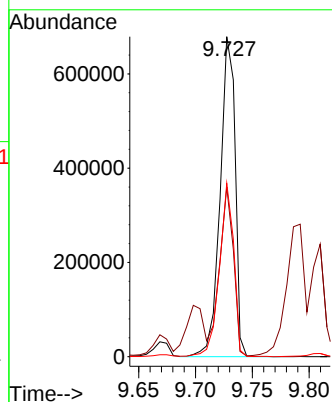
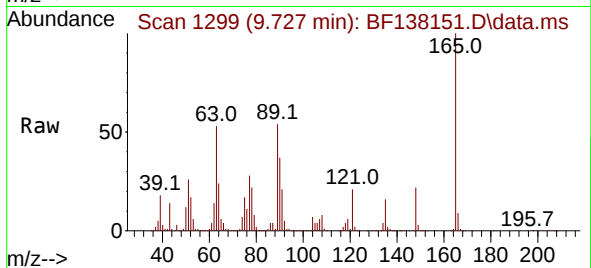
PB161334BS

Tgt Ion:165 Resp: 62651
Ion Ratio Lower Upper
165 100
63 53.0 42.9 64.3
89 54.2 45.0 67.4

Manual Integrations

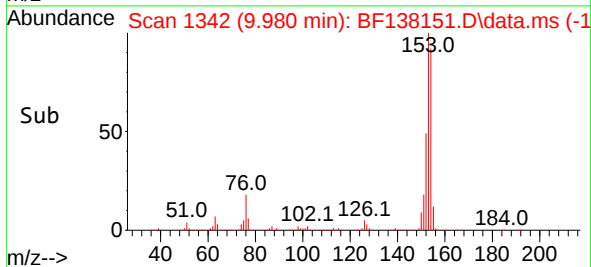
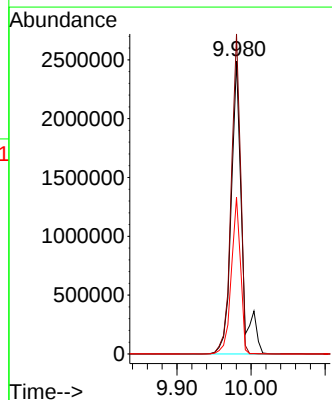
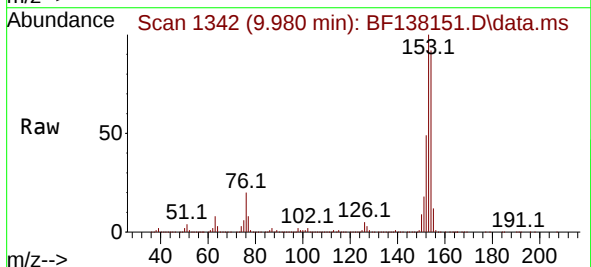
APPROVED

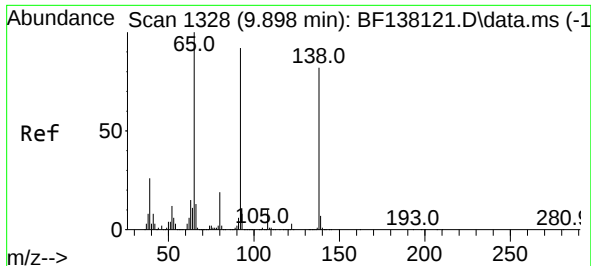
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#52
Acenaphthene
Concen: 47.285 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion:154 Resp: 2461789
Ion Ratio Lower Upper
154 100
153 109.3 87.6 131.4
152 53.5 43.0 64.6





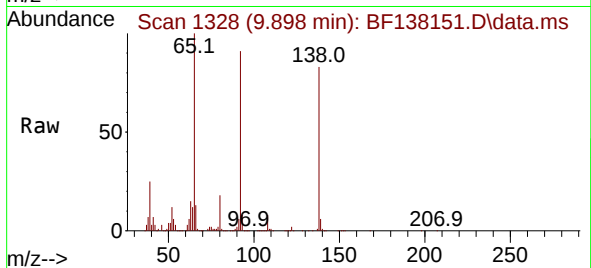
#53
3-Nitroaniline
Concen: 33.580 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS



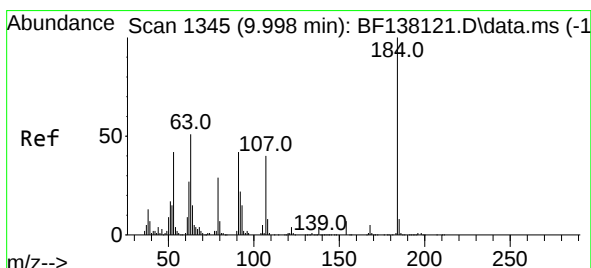
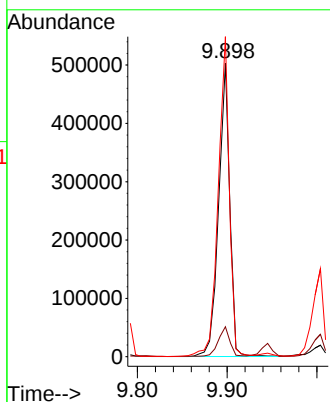
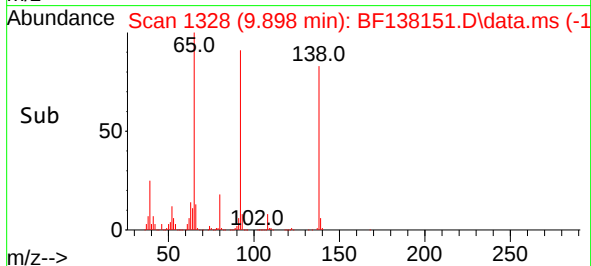
Tgt Ion:138 Resp: 433339
Ion Ratio Lower Upper
138 100
108 10.2 10.3 15.5
92 109.1 89.5 134.3

Manual Integrations

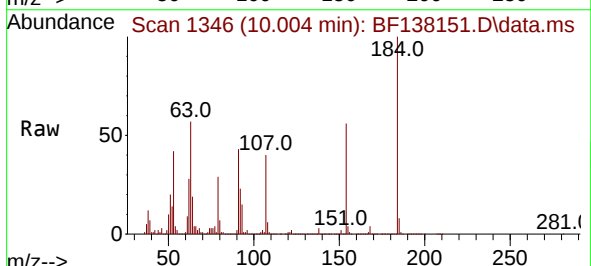
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

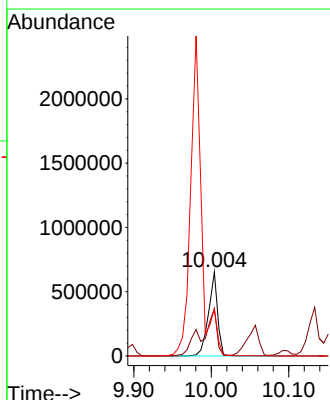
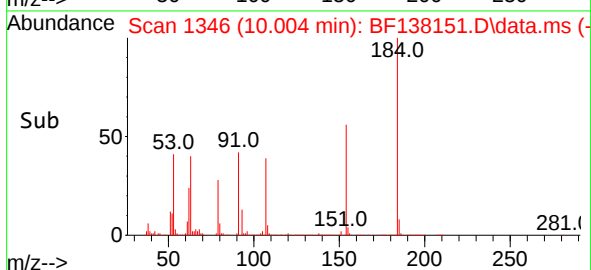
Supervised By :mohammad ahmed 06/10/2024

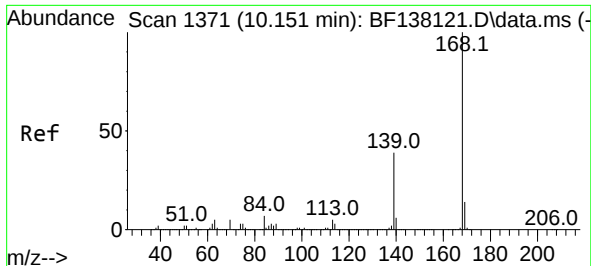


#54
2,4-Dinitrophenol
Concen: 94.070 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



Tgt Ion:184 Resp: 536779
Ion Ratio Lower Upper
184 100
63 56.7 45.4 68.0
154 55.9 46.0 69.0





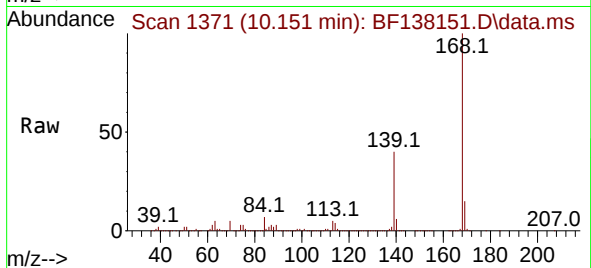
#55
Dibenzenofuran
Concen: 44.962 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS



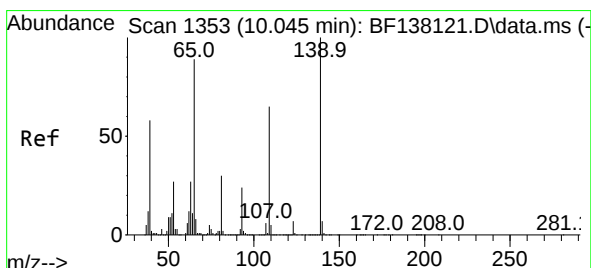
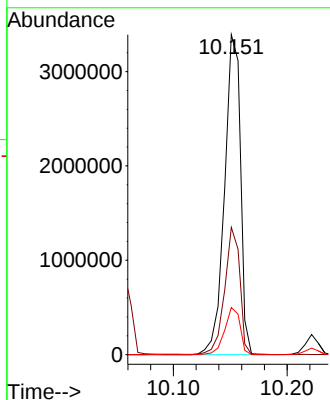
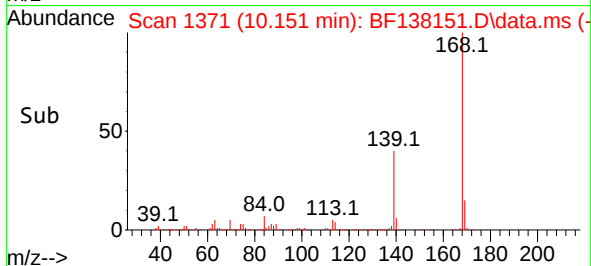
Tgt Ion:168 Resp: 3310949
Ion Ratio Lower Upper
168 100
139 39.8 31.1 46.7
169 14.8 11.6 17.4

Manual Integrations

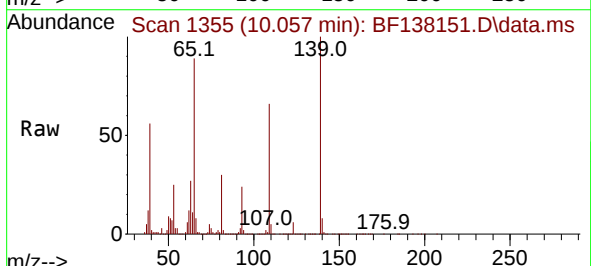
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

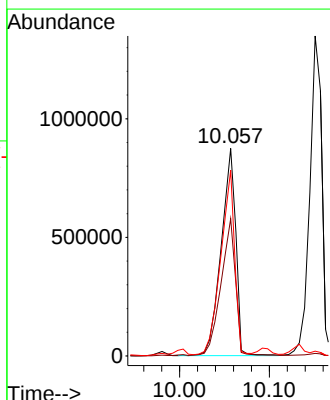
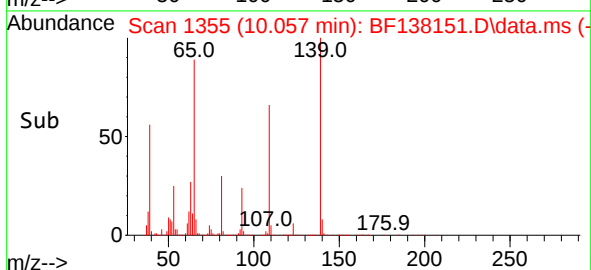
Supervised By :mohammad ahmed 06/10/2024

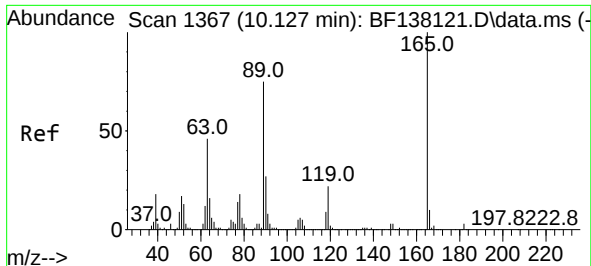


#56
4-Nitrophenol
Concen: 106.346 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



Tgt Ion:139 Resp: 988592
Ion Ratio Lower Upper
139 100
109 66.1 45.5 85.5
65 89.5 69.1 109.1





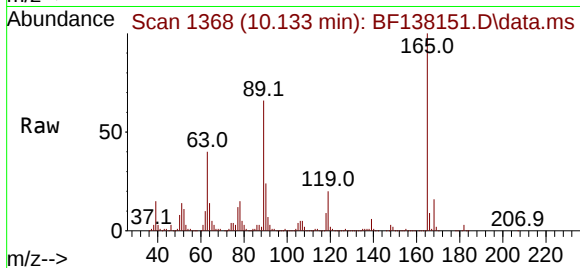
#57
2,4-Dinitrotoluene
Concen: 51.174 ng
RT: 10.133 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

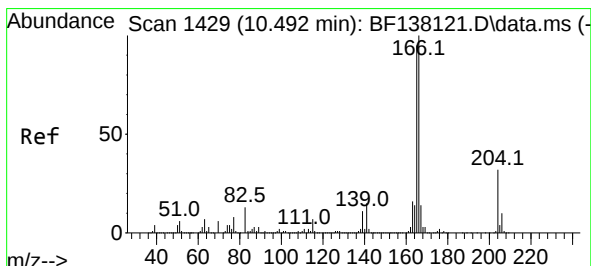
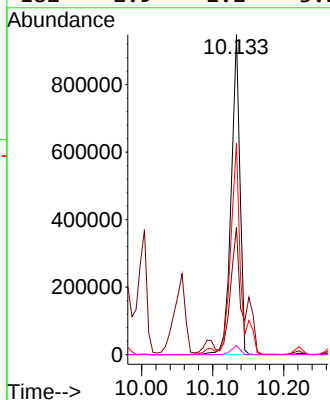
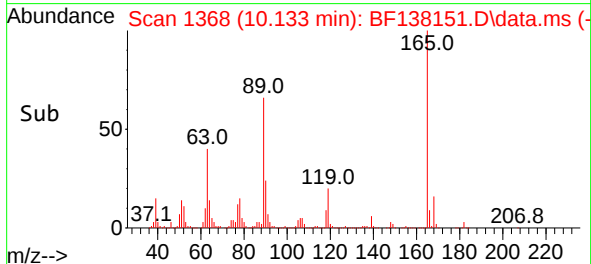
PB161334BS



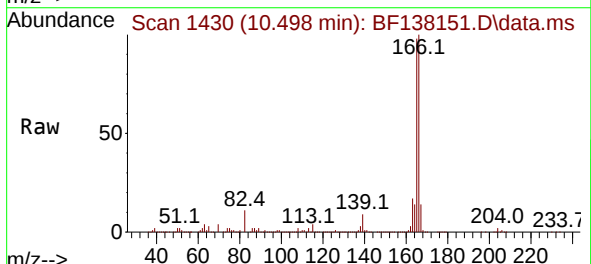
Tgt Ion:165 Resp: 813220
Ion Ratio Lower Upper
165 100
63 39.9 36.8 55.2
89 66.1 60.2 90.2
182 2.9 2.2 3.2

Manual Integrations
APPROVED

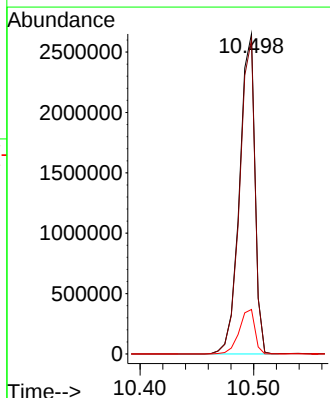
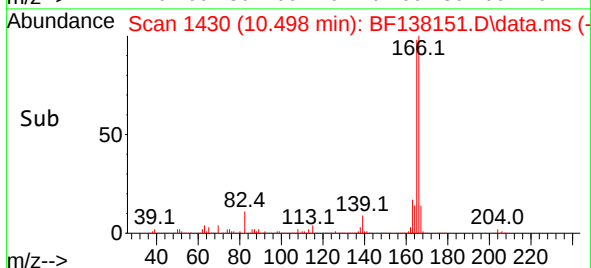
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

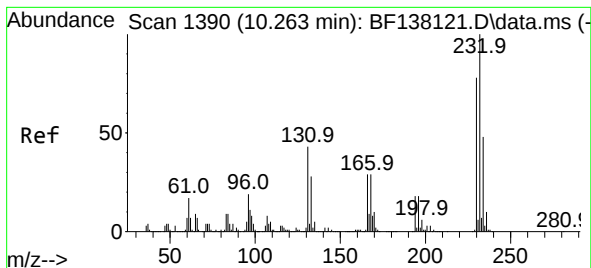


#58
Fluorene
Concen: 42.476 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



Tgt Ion:166 Resp: 2484459
Ion Ratio Lower Upper
166 100
165 98.3 76.3 114.5
167 13.9 11.2 16.8





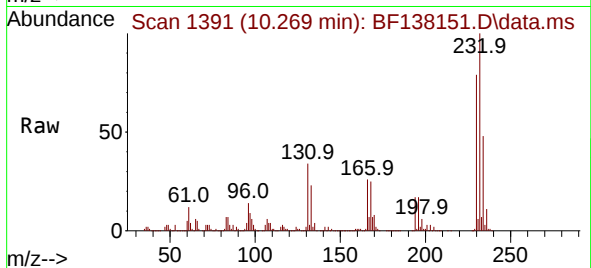
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.424 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS

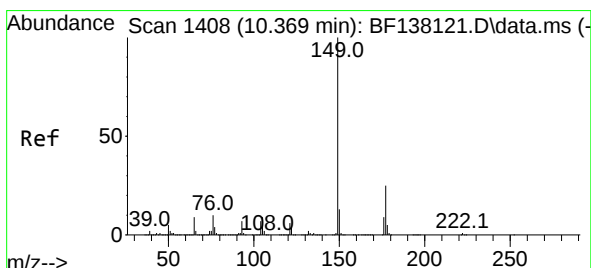
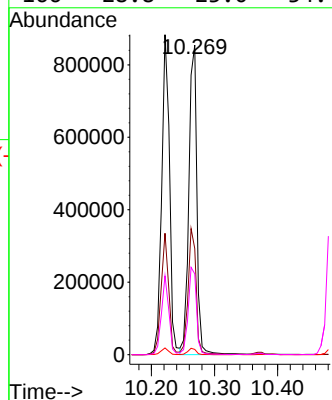
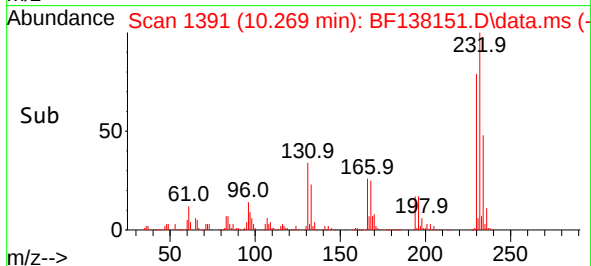


Tgt Ion:232 Resp: 759700
Ion Ratio Lower Upper
232 100
131 40.1 33.7 50.5
130 2.1 1.7 2.5
166 28.8 23.0 34.4

Manual Integrations

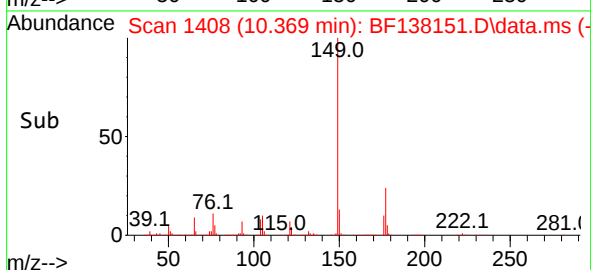
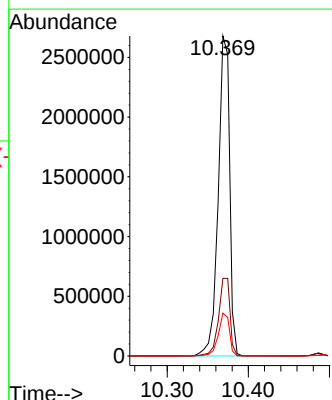
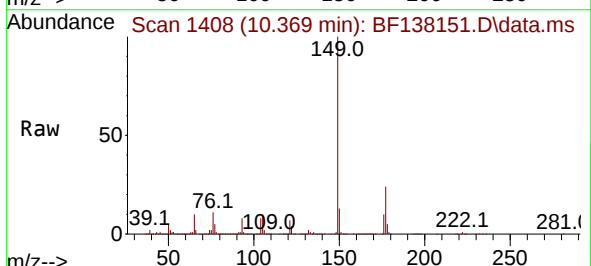
APPROVED

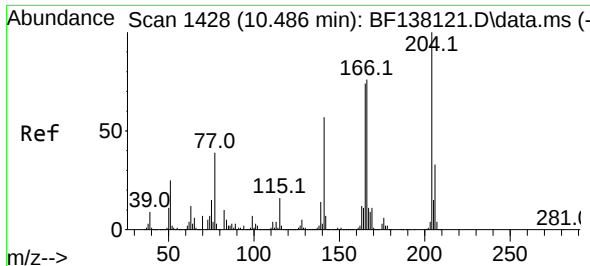
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#60
Diethylphthalate
Concen: 43.984 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

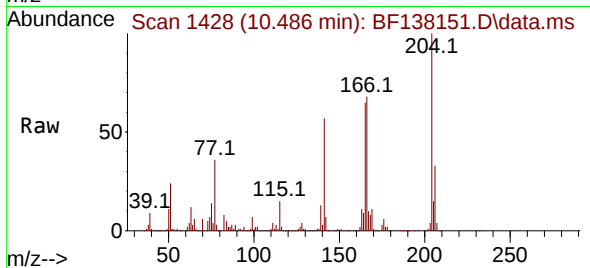
Tgt Ion:149 Resp: 2624227
Ion Ratio Lower Upper
149 100
177 24.2 19.9 29.9
150 13.4 10.7 16.1





#61
4-Chlorophenyl-phenylether
Concen: 43.420 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

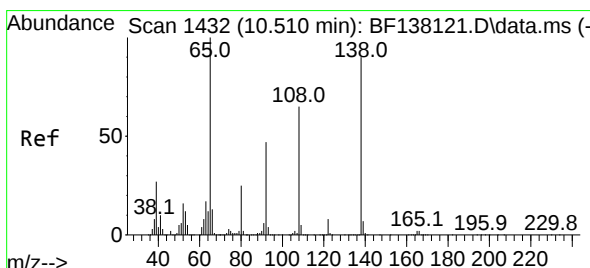
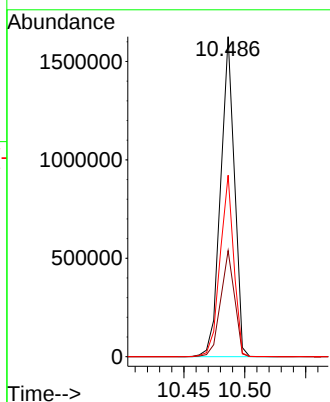
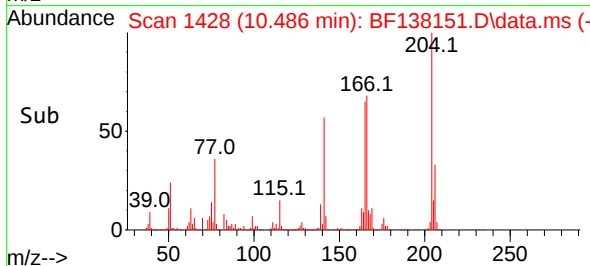
Instrument :
BNA_F
ClientSampleId :
PB161334BS



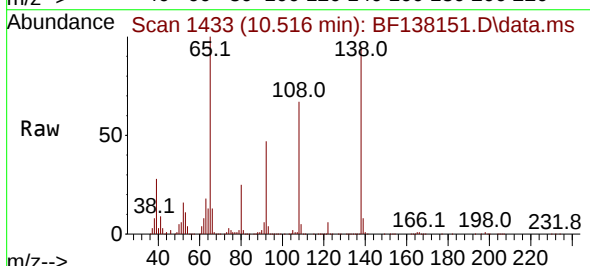
Tgt Ion:204 Resp: 129020
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 56.7 45.2 67.8

Manual Integrations
APPROVED

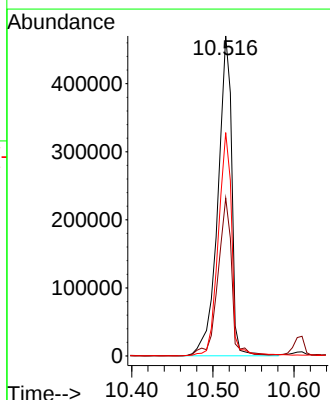
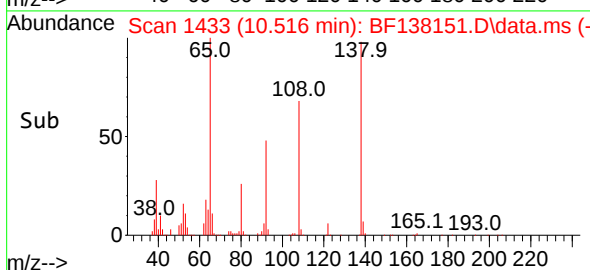
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

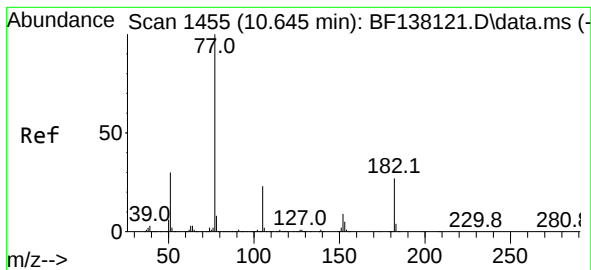


#62
4-Nitroaniline
Concen: 49.305 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



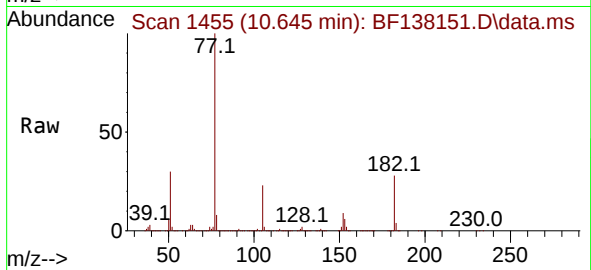
Tgt Ion:138 Resp: 562472
Ion Ratio Lower Upper
138 100
92 49.3 32.3 72.3
108 69.8 53.0 93.0





#63
Azobenzene
Concen: 43.611 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

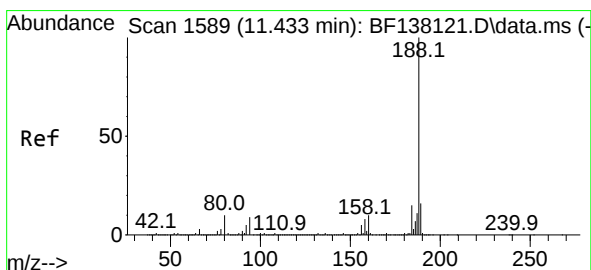
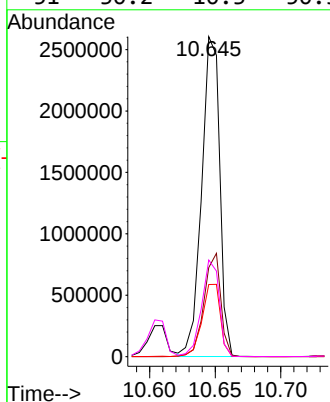
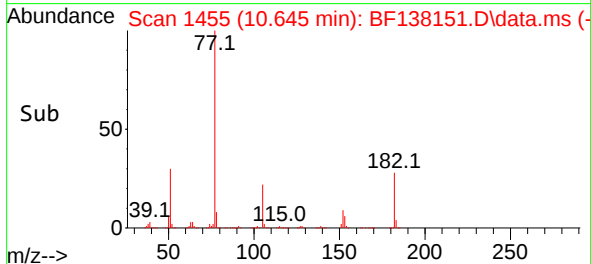
Instrument :
BNA_F
ClientSampleId :
PB161334BS



Tgt Ion: 77 Resp: 250618
Ion Ratio Lower Upper
77 100
182 27.8 7.2 47.2
105 22.5 3.0 43.0
51 30.2 10.3 50.3

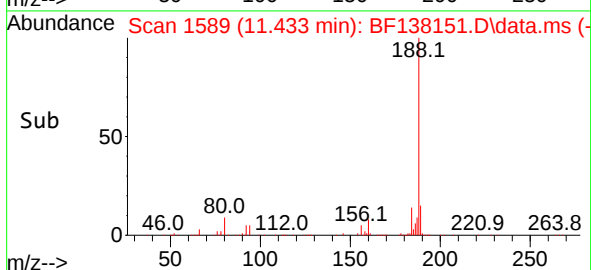
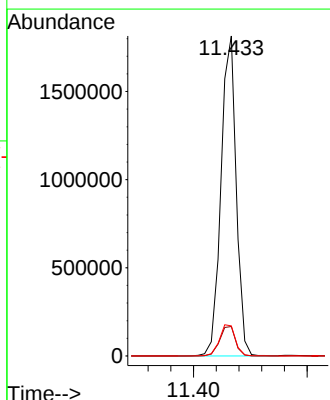
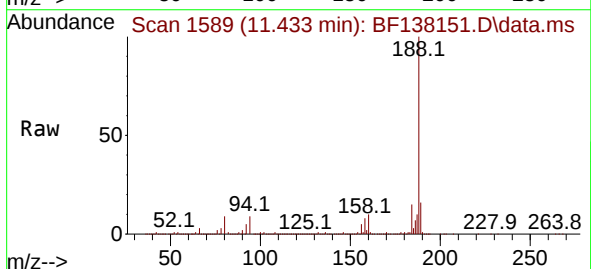
Manual Integrations
APPROVED

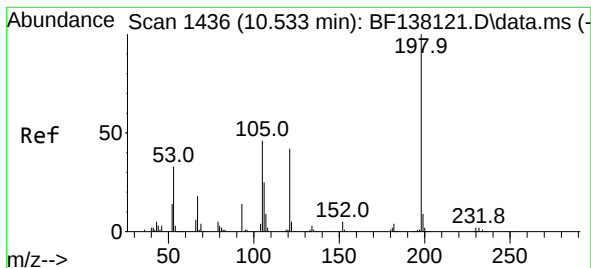
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

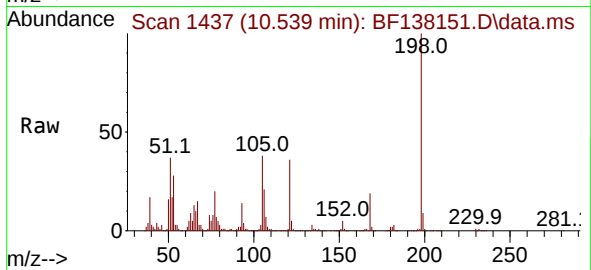
Tgt Ion:188 Resp: 1693294
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.4 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 56.339 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

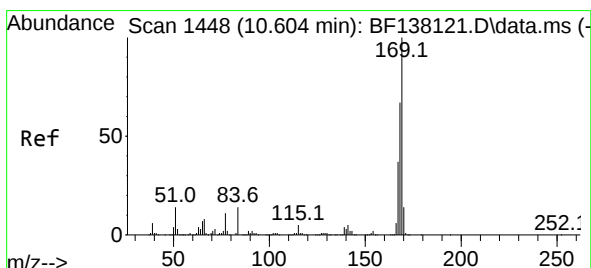
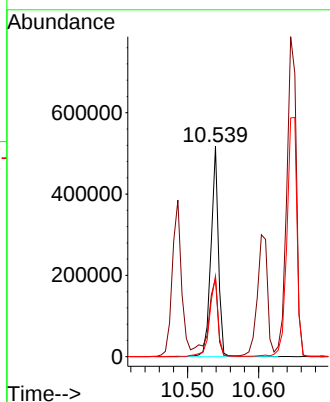
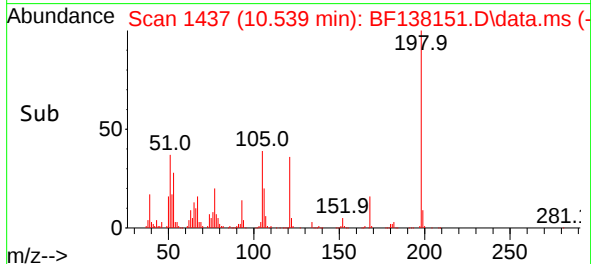
Instrument :
BNA_F
ClientSampleId :
PB161334BS



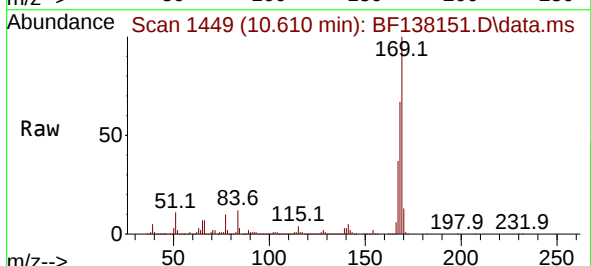
Tgt Ion:198 Resp: 379561
Ion Ratio Lower Upper
198 100
51 37.3 28.2 68.2
105 38.4 26.8 66.8

Manual Integrations
APPROVED

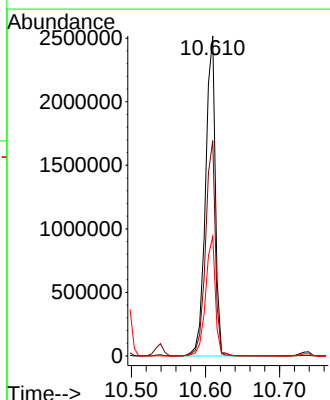
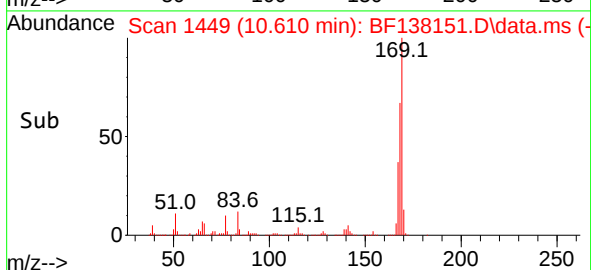
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

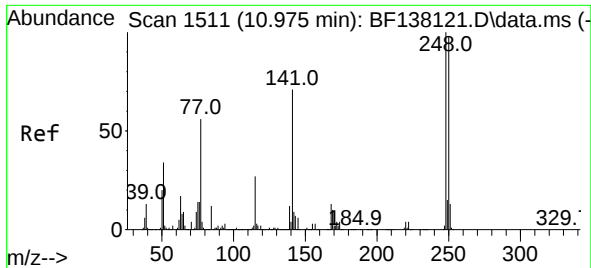


#66
n-Nitrosodiphenylamine
Concen: 45.859 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



Tgt Ion:169 Resp: 2318914
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.2
167 37.3 29.8 44.6





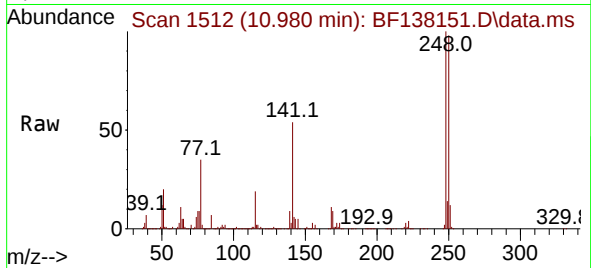
#67
4-Bromophenyl-phenylether
Concen: 46.553 ng
RT: 10.980 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS

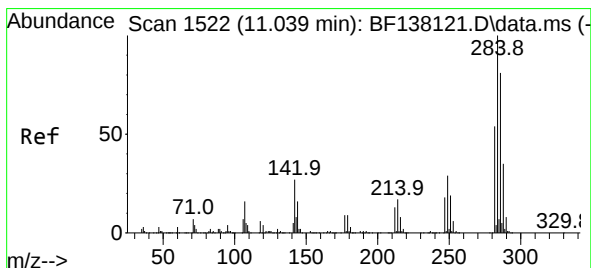
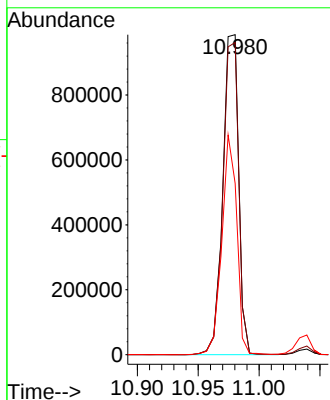
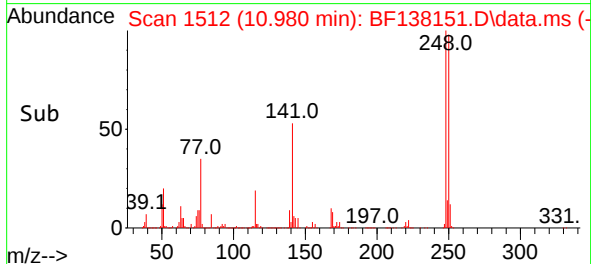


Tgt Ion:248 Resp: 897550
Ion Ratio Lower Upper
248 100
250 97.5 78.7 118.1
141 53.5 56.5 84.7

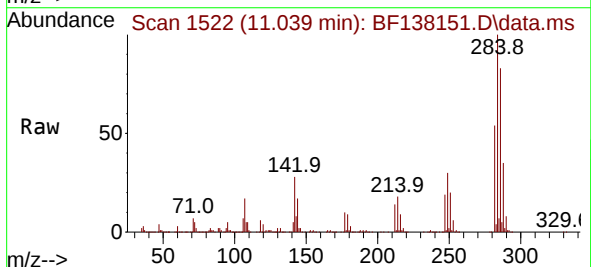
Manual Integrations

APPROVED

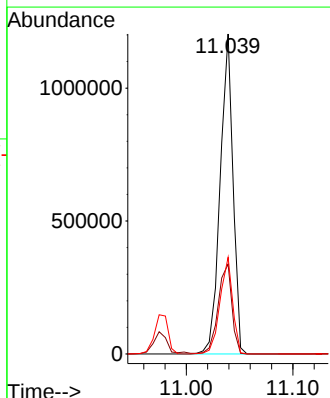
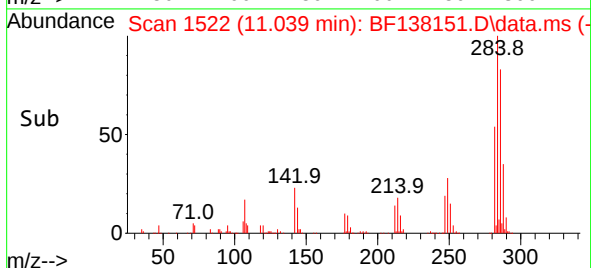
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

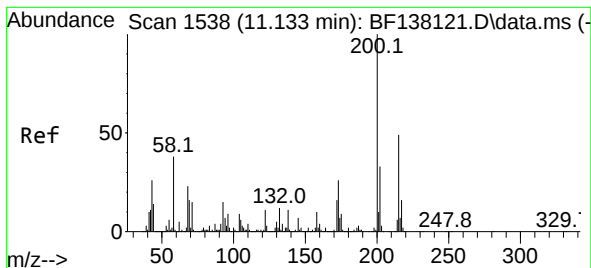


#68
Hexachlorobenzene
Concen: 44.760 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



Tgt Ion:284 Resp: 1003265
Ion Ratio Lower Upper
284 100
142 28.1 21.4 32.0
249 30.2 23.3 34.9





#69

Atrazine

Concen: 49.563 ng

RT: 11.133 min Scan# 1538

Delta R.T. -0.000 min

Lab File: BF138151.D

Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS

Tgt Ion:200 Resp: 80633

Ion Ratio Lower Upper

200 100

173 26.2 5.7 45.7

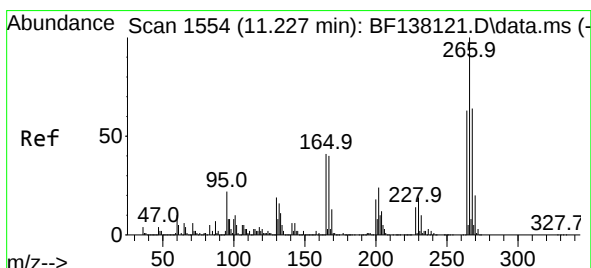
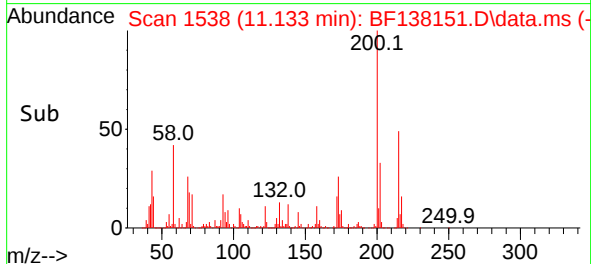
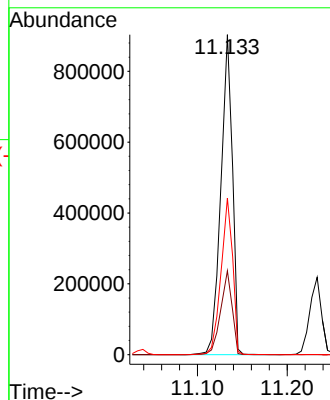
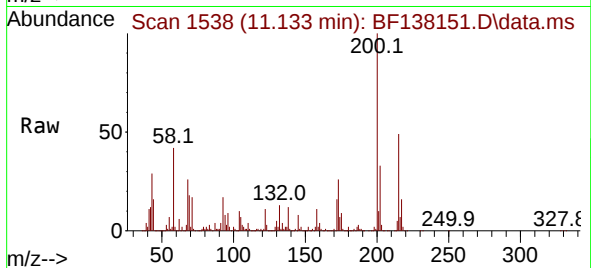
215 48.9 29.4 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#70

Pentachlorophenol

Concen: 97.858 ng

RT: 11.233 min Scan# 1555

Delta R.T. 0.006 min

Lab File: BF138151.D

Acq: 07 Jun 2024 10:35

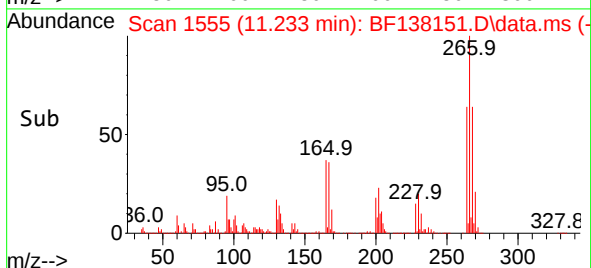
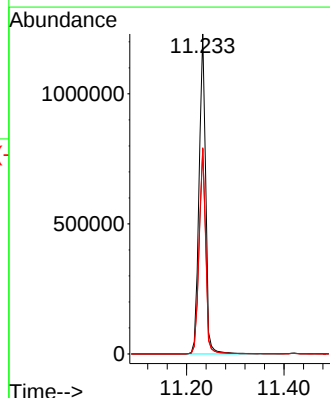
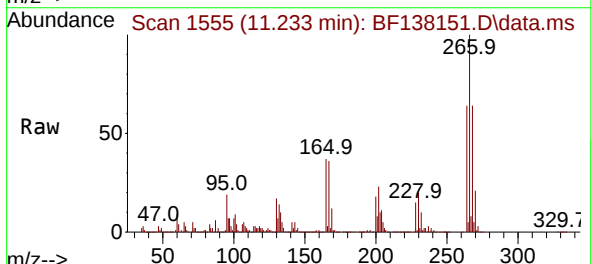
Tgt Ion:266 Resp: 1174175

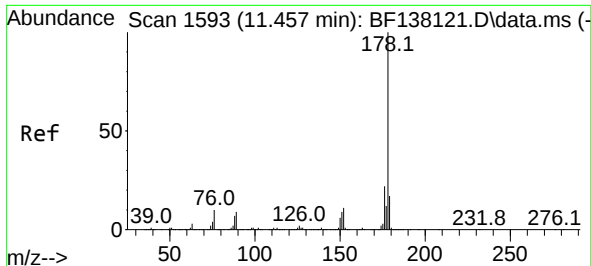
Ion Ratio Lower Upper

266 100

268 64.1 51.4 77.0

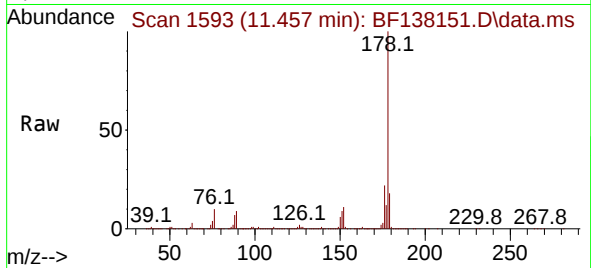
264 64.4 50.1 75.1





#71
Phenanthrene
Concen: 44.642 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

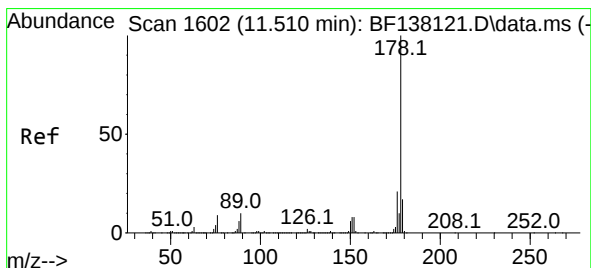
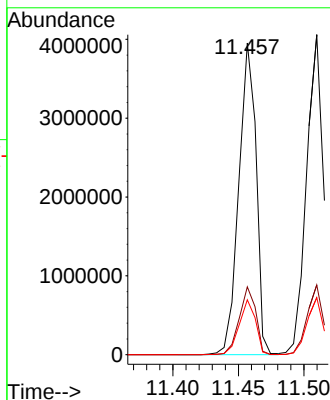
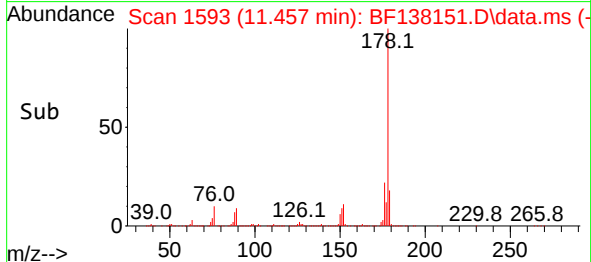
Instrument :
BNA_F
ClientSampleId :
PB161334BS



Tgt Ion:178 Resp: 363902
Ion Ratio Lower Upper
178 100
176 21.8 17.2 25.8
179 17.6 13.6 20.4

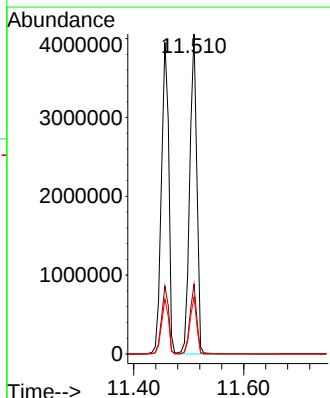
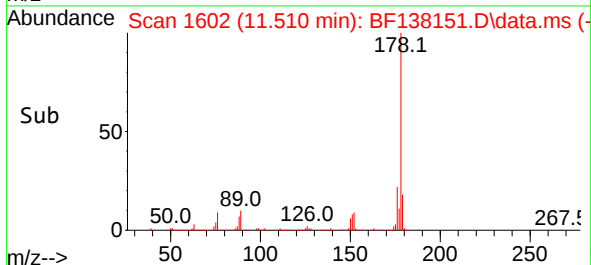
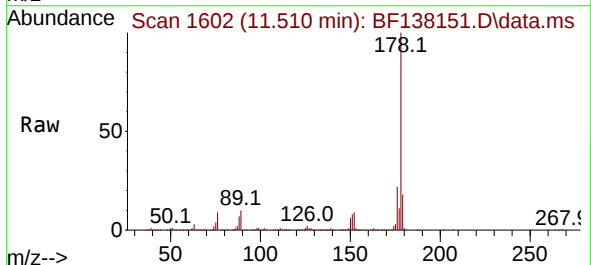
Manual Integrations
APPROVED

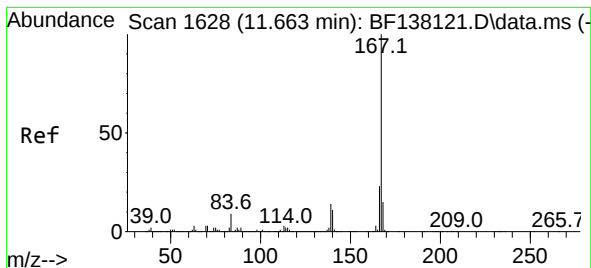
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#72
Anthracene
Concen: 44.491 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion:178 Resp: 3617212
Ion Ratio Lower Upper
178 100
176 21.8 16.5 24.7
179 17.9 13.6 20.4





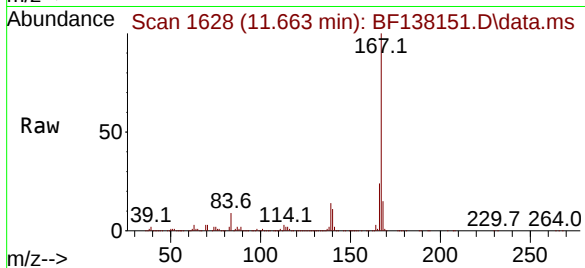
#73
 Carbazole
 Concen: 42.990 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.000 min
 Lab File: BF138151.D
 Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS



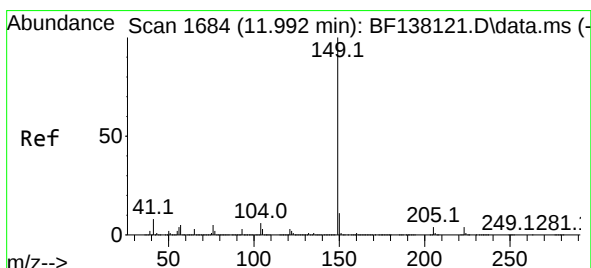
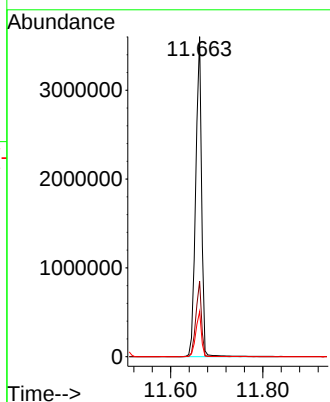
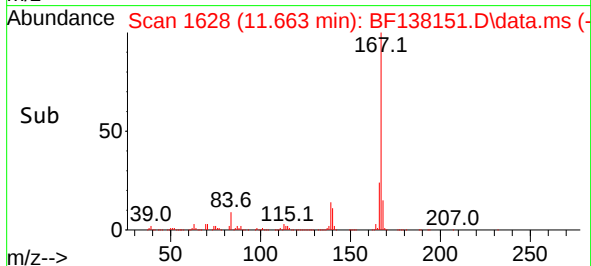
Tgt Ion:167 Resp: 3196392
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.6 27.8
 139 14.1 11.0 16.6

Manual Integrations

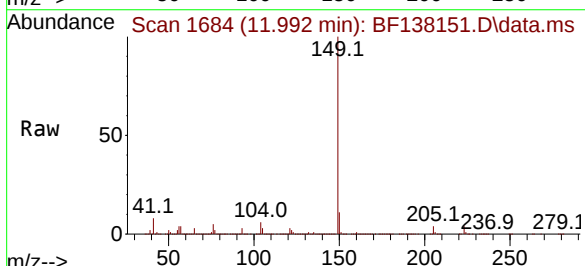
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

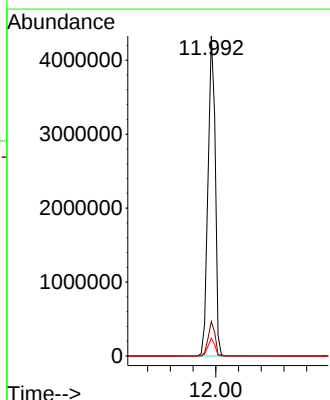
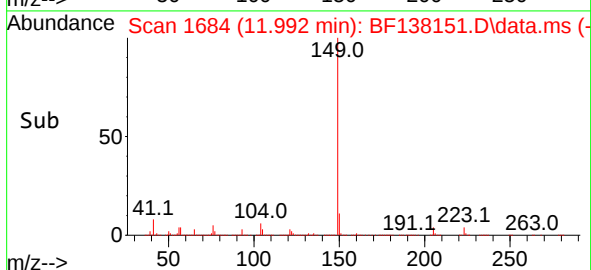
Supervised By :mohammad ahmed 06/10/2024

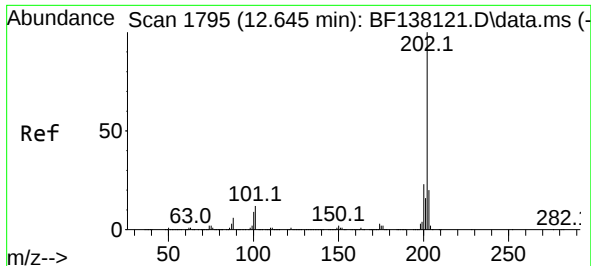


#74
 Di-n-butylphthalate
 Concen: 43.289 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. -0.000 min
 Lab File: BF138151.D
 Acq: 07 Jun 2024 10:35



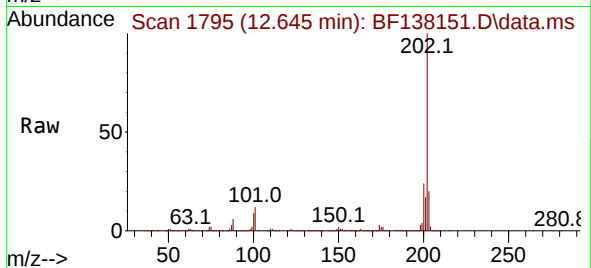
Tgt Ion:149 Resp: 3783280
 Ion Ratio Lower Upper
 149 100
 150 10.8 8.5 12.7
 104 5.6 4.4 6.6





#75
Fluoranthene
Concen: 40.728 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

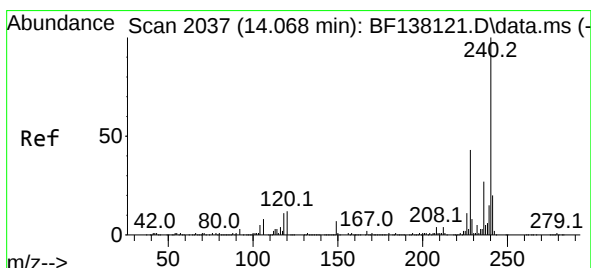
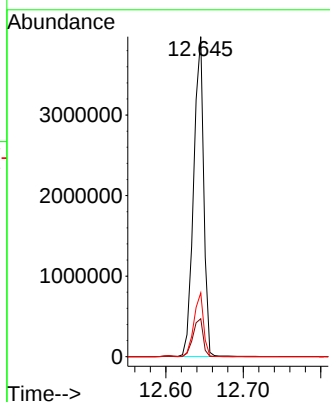
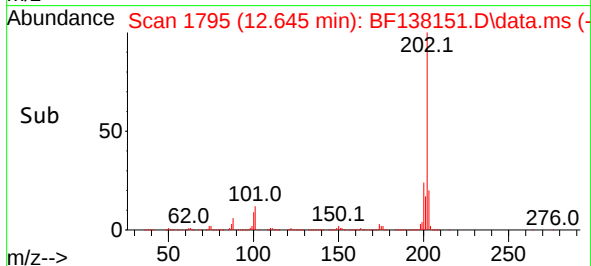
Instrument :
BNA_F
ClientSampleId :
PB161334BS



Tgt Ion:202 Resp: 3582220
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.2
203 20.0 0.0 39.5

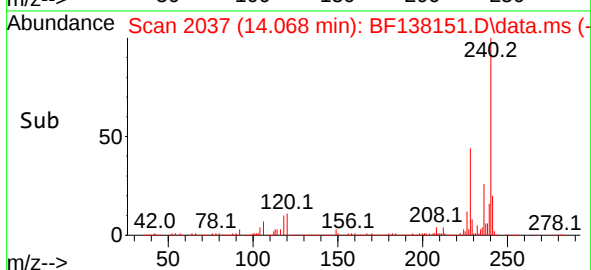
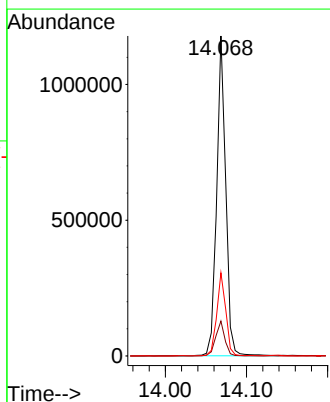
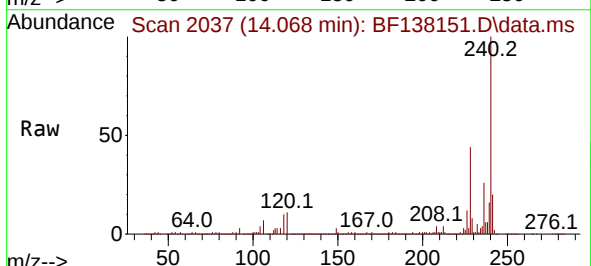
Manual Integrations
APPROVED

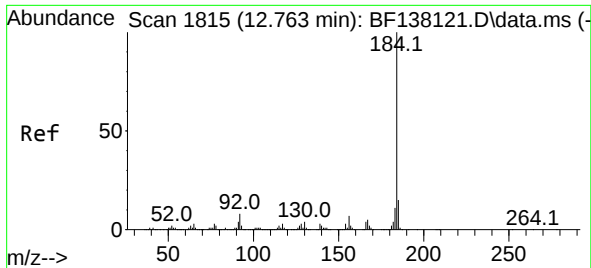
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

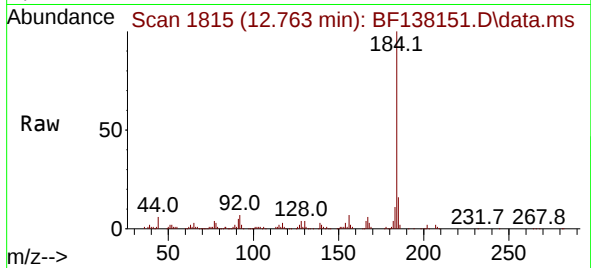
Tgt Ion:240 Resp: 914486
Ion Ratio Lower Upper
240 100
120 10.9 9.8 14.8
236 26.0 21.2 31.8





#77
Benzidine
Concen: 10.036 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

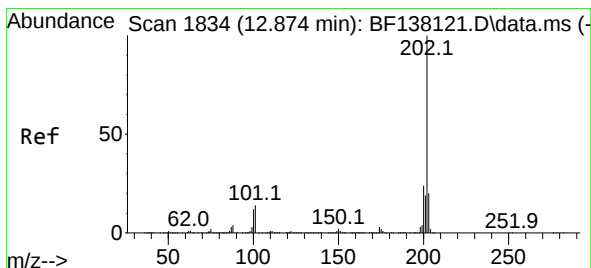
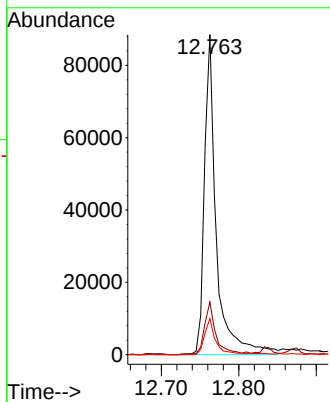
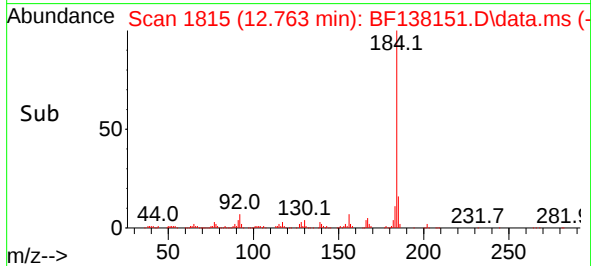
Instrument :
BNA_F
ClientSampleId :
PB161334BS



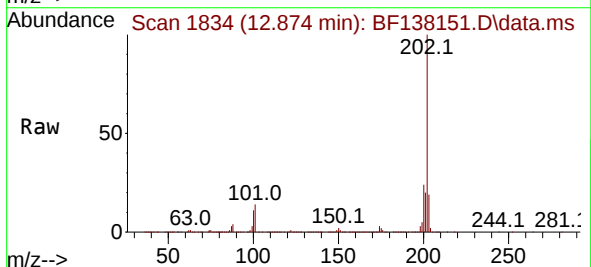
Tgt Ion:184 Resp: 94448
Ion Ratio Lower Upper
184 100
185 16.4 12.2 18.2
183 11.3 9.0 13.4

Manual Integrations
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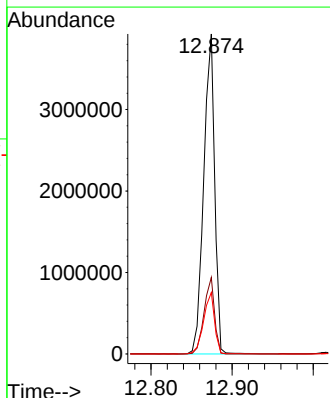
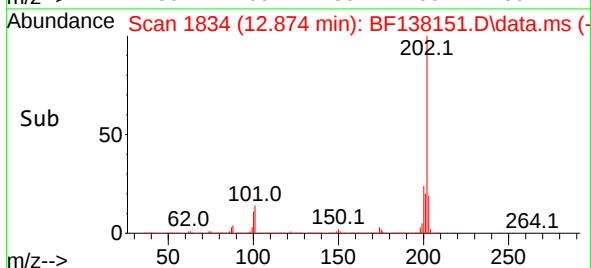
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

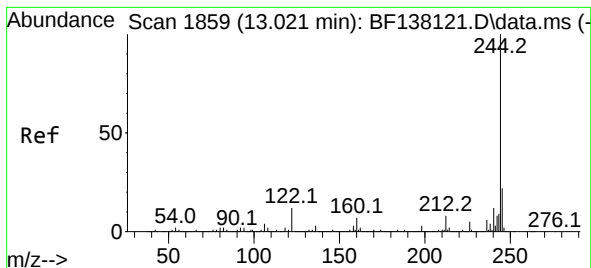


#78
Pyrene
Concen: 44.418 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35



Tgt Ion:202 Resp: 3673563
Ion Ratio Lower Upper
202 100
200 23.9 19.1 28.7
203 19.2 15.6 23.4





#79

Terphenyl-d14

Concen: 80.920 ng

RT: 13.015 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BF138151.D

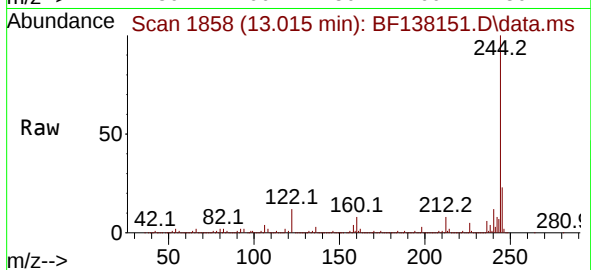
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS



Tgt Ion:244 Resp: 4947424

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

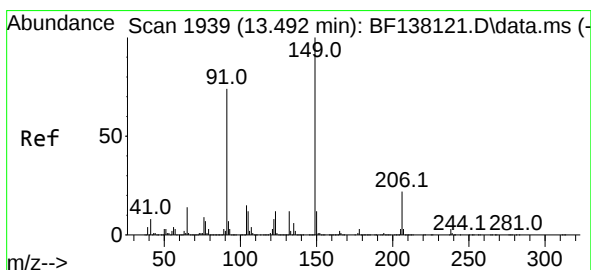
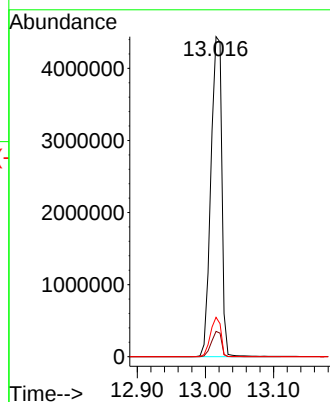
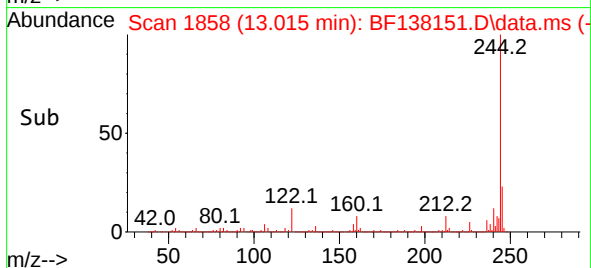
122 12.3 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#80

Butylbenzylphthalate

Concen: 48.762 ng

RT: 13.492 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BF138151.D

Acq: 07 Jun 2024 10:35

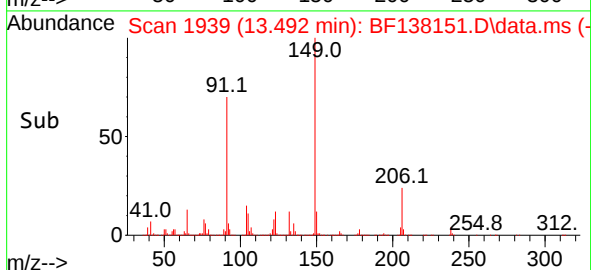
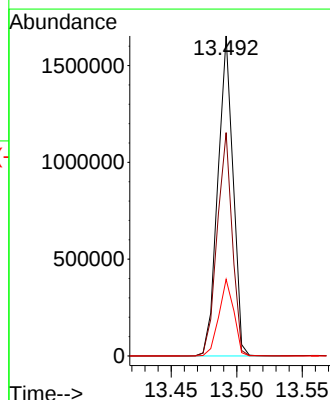
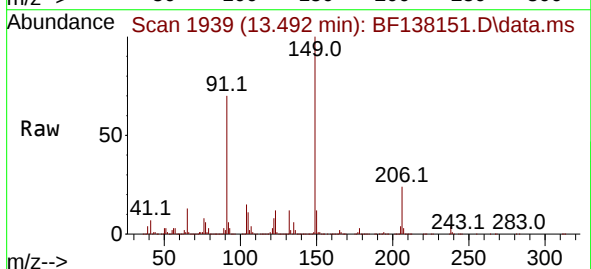
Tgt Ion:149 Resp: 1331676

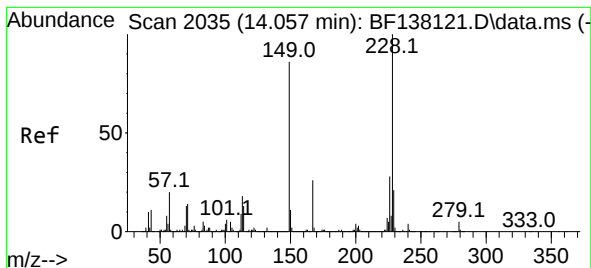
Ion Ratio Lower Upper

149 100

91 69.8 59.6 89.4

206 23.9 17.8 26.6





#81

Benzo(a)anthracene

Concen: 45.193 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF138151.D

Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS

Tgt Ion:228 Resp: 2607450

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

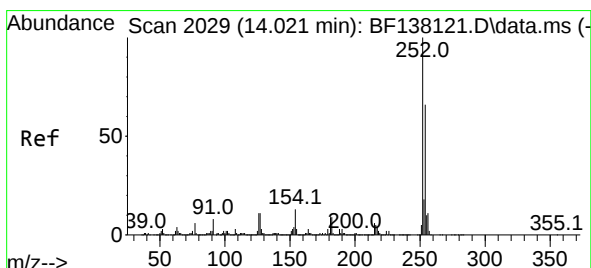
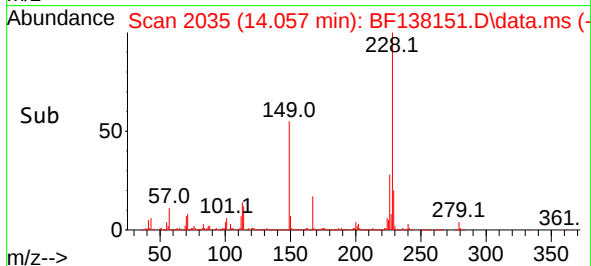
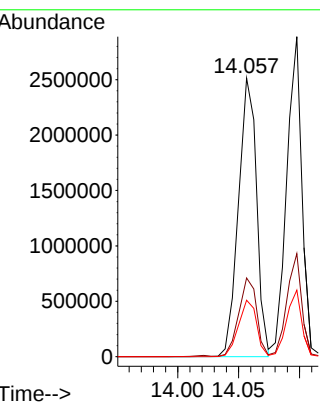
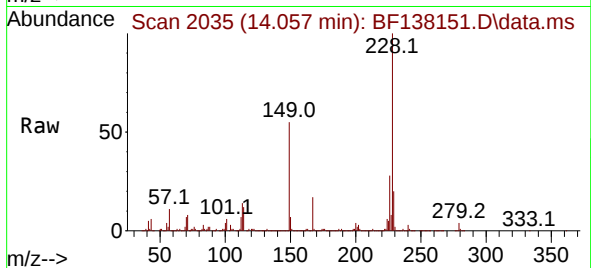
229 20.3 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#82

3,3'-Dichlorobenzidine

Concen: 38.682 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF138151.D

Acq: 07 Jun 2024 10:35

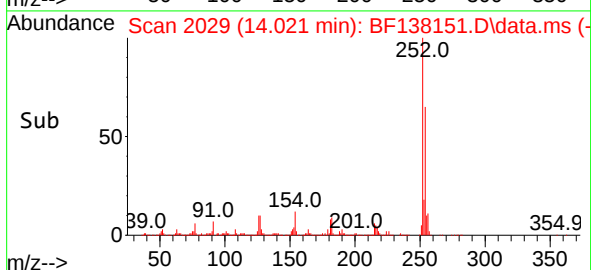
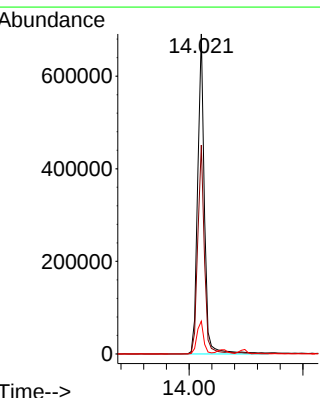
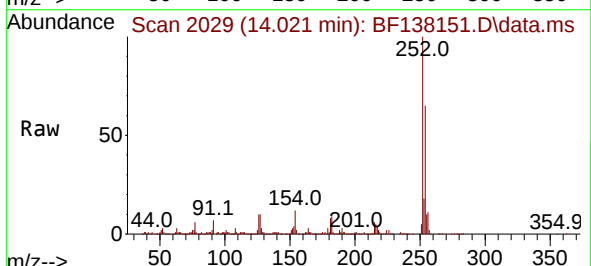
Tgt Ion:252 Resp: 565675

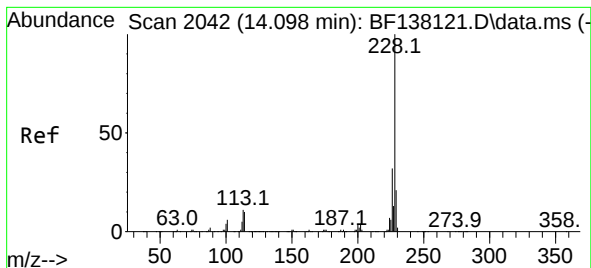
Ion Ratio Lower Upper

252 100

254 65.3 52.9 79.3

126 10.2 8.8 13.2





#83

Chrysene

Concen: 45.844 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.000 min

Lab File: BF138151.D

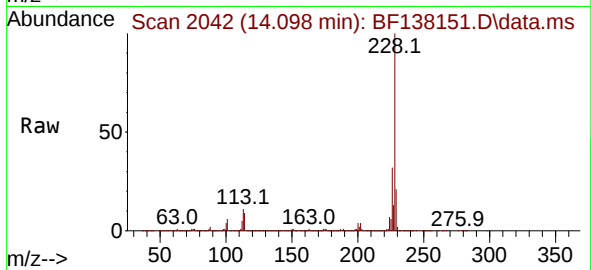
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS



Tgt Ion:228 Resp: 2538430

Ion Ratio Lower Upper

228 100

226 32.2 25.6 38.4

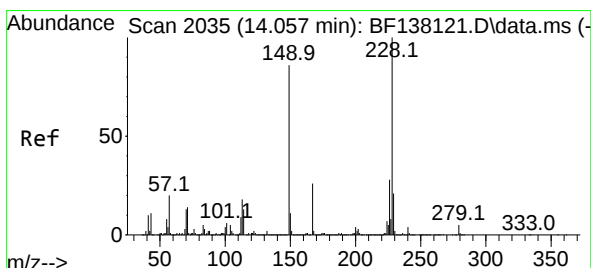
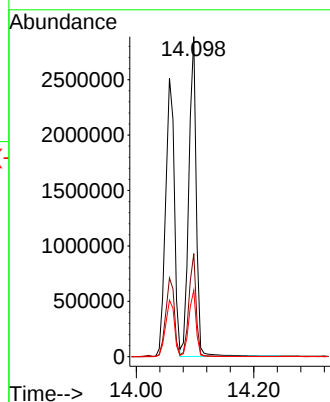
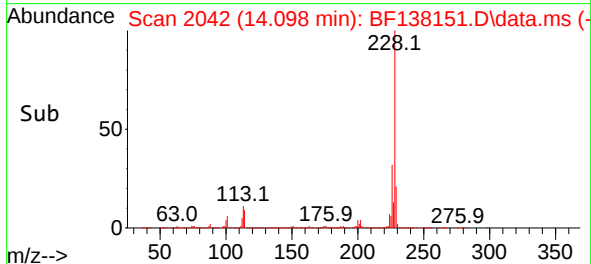
229 20.8 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.369 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF138151.D

Acq: 07 Jun 2024 10:35

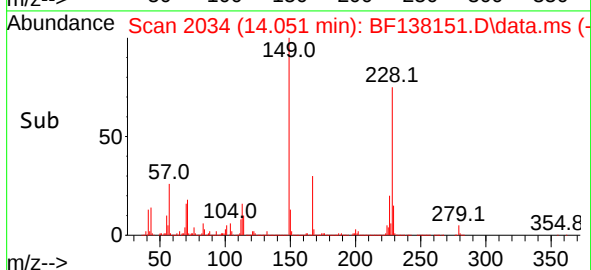
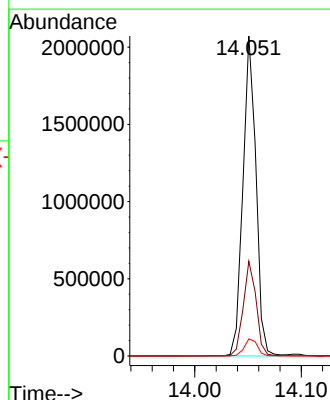
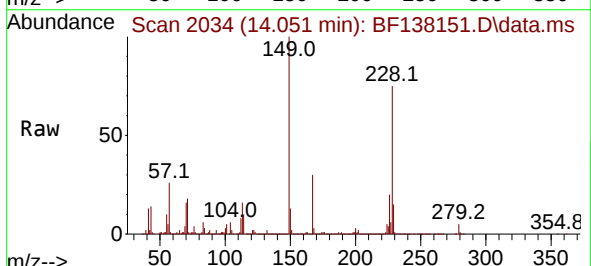
Tgt Ion:149 Resp: 1765382

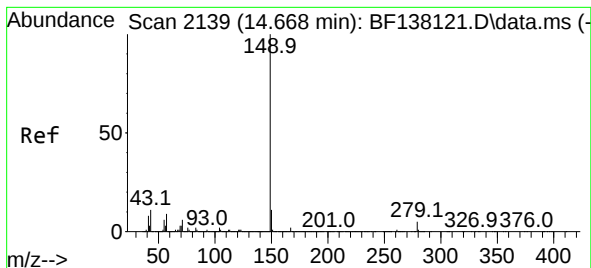
Ion Ratio Lower Upper

149 100

167 29.6 24.2 36.2

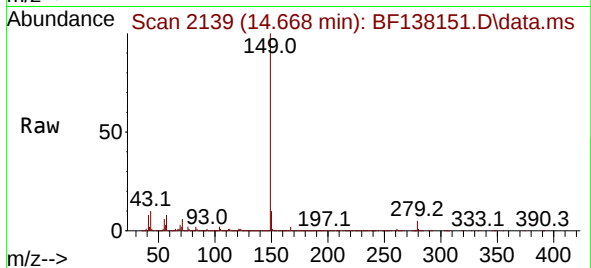
279 5.3 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 47.837 ng
RT: 14.668 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

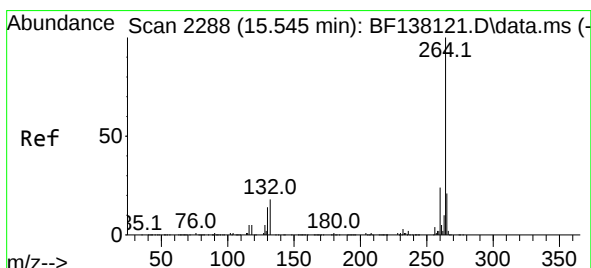
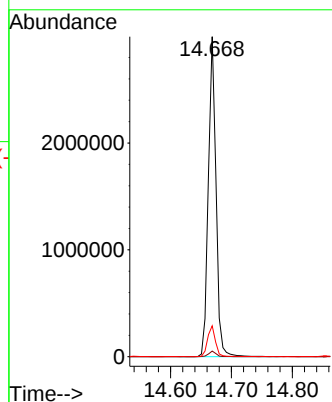
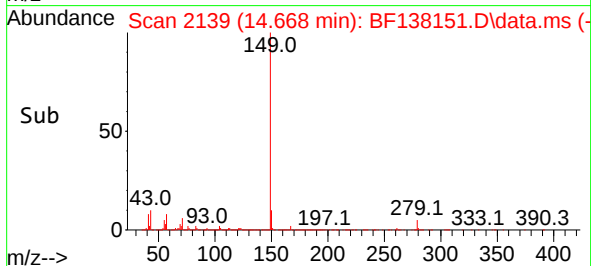
Instrument :
BNA_F
ClientSampleId :
PB161334BS



Tgt Ion:149 Resp: 261993
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.9 8.4 12.6

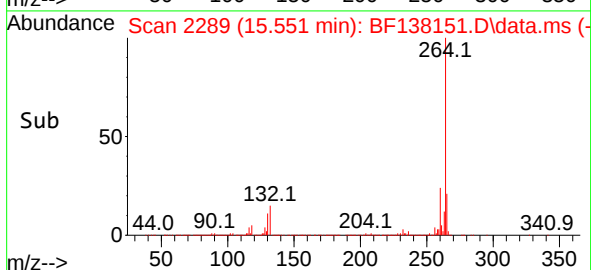
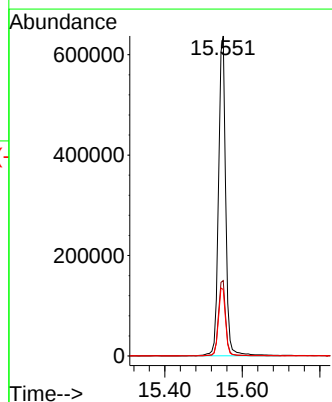
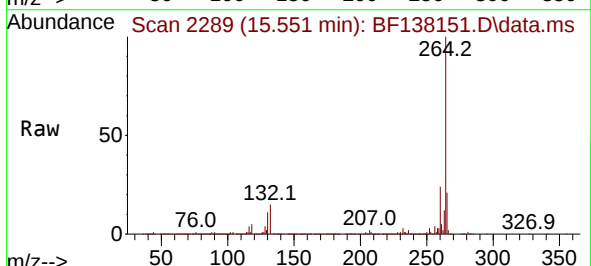
Manual Integrations
APPROVED

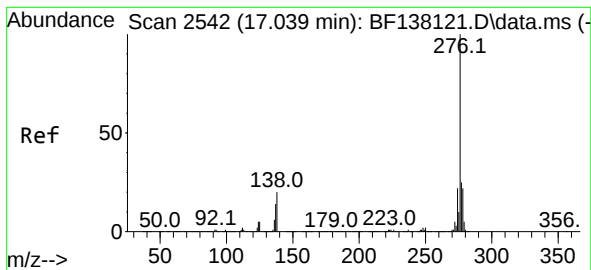
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion:264 Resp: 813503
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 20.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.803 ng

RT: 17.045 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138151.D

Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS

Tgt Ion:276 Resp: 2307610

Ion Ratio Lower Upper

276 100

138 22.6 18.9 28.3

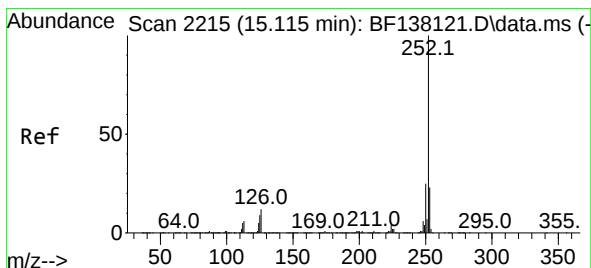
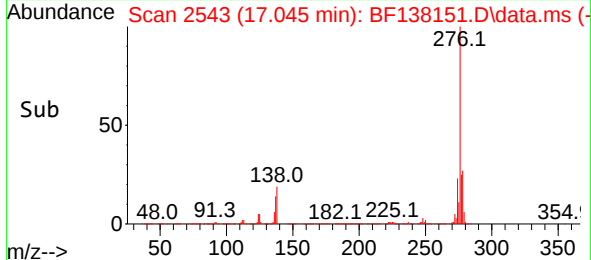
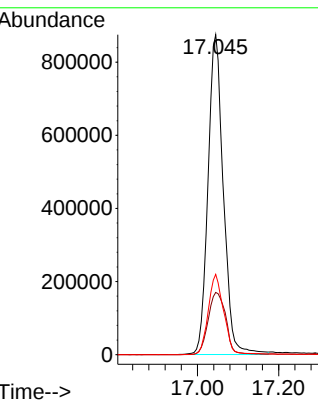
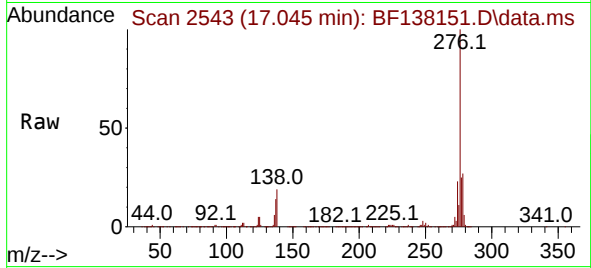
277 25.0 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#88

Benzo(b)fluoranthene

Concen: 45.082 ng

RT: 15.115 min Scan# 2215

Delta R.T. -0.000 min

Lab File: BF138151.D

Acq: 07 Jun 2024 10:35

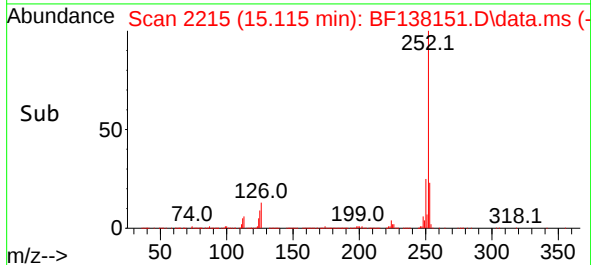
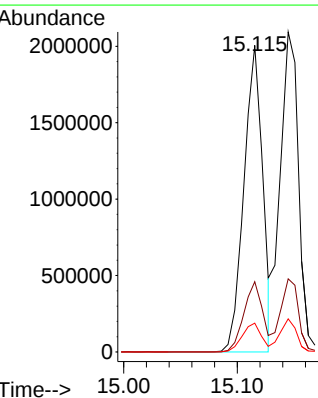
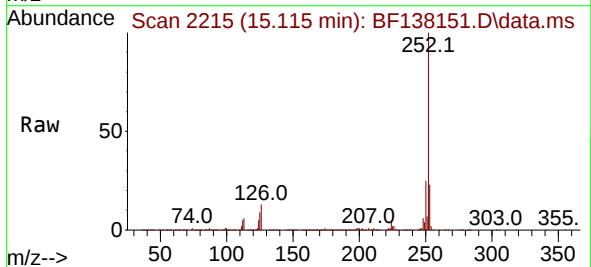
Tgt Ion:252 Resp: 2305536

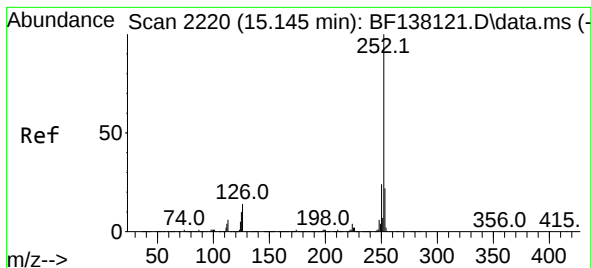
Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 9.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 49.082 ng

RT: 15.145 min Scan# 2220

Delta R.T. -0.000 min

Lab File: BF138151.D

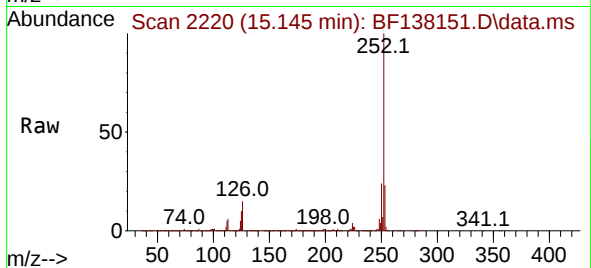
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

PB161334BS



Tgt Ion:252 Resp: 2393709

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

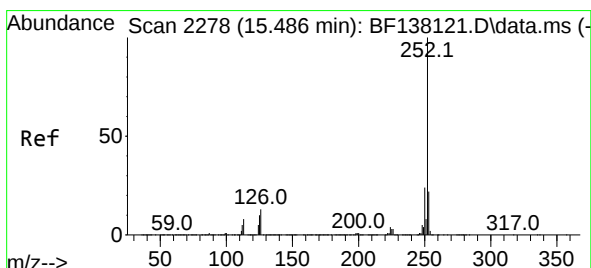
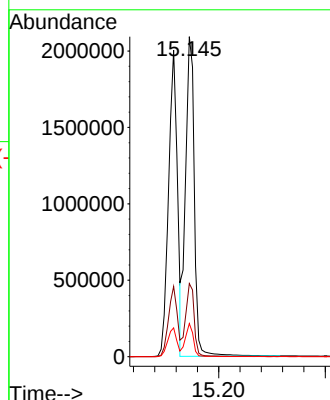
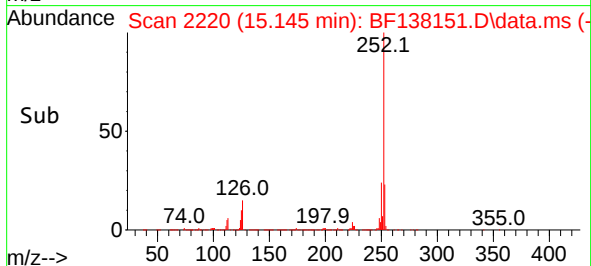
125 10.3 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#90

Benzo(a)pyrene

Concen: 52.038 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.000 min

Lab File: BF138151.D

Acq: 07 Jun 2024 10:35

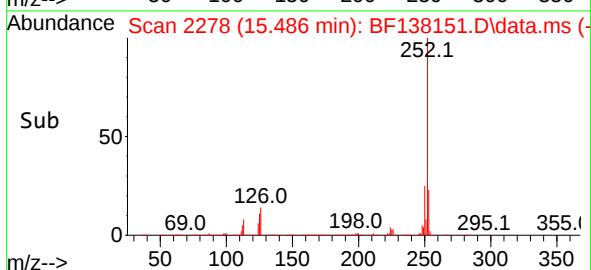
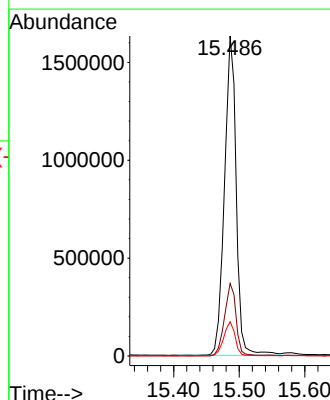
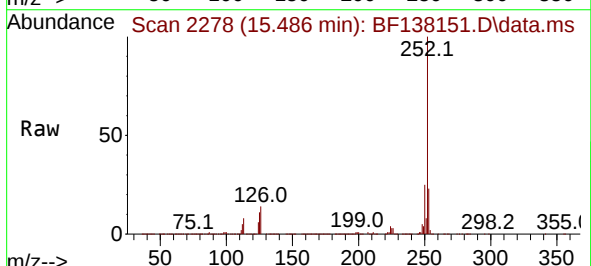
Tgt Ion:252 Resp: 2015500

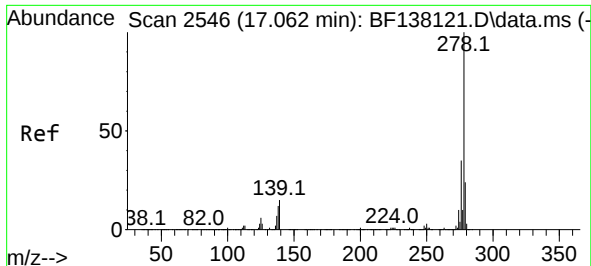
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 10.7 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 51.924 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Instrument :

BNA_F

ClientSampleId :

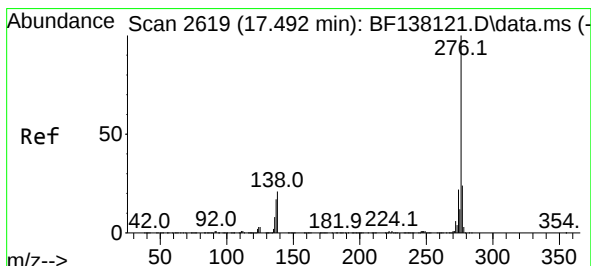
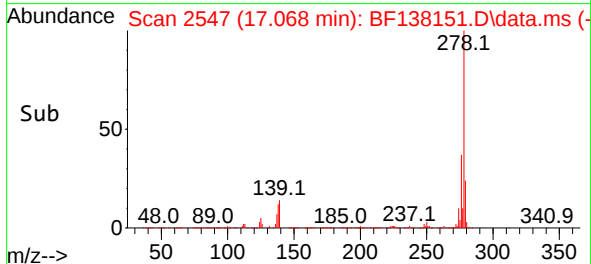
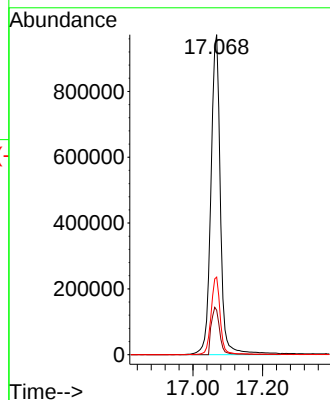
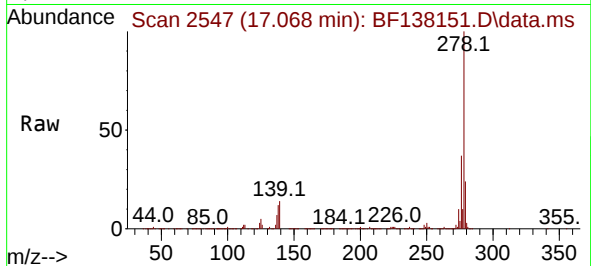
PB161334BS

Tgt Ion:278 Resp: 185101
Ion Ratio Lower Upper
278 100
139 13.9 11.7 17.5
279 24.3 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#92
Benzo(g,h,i)perylene
Concen: 51.514 ng
RT: 17.498 min Scan# 2620
Delta R.T. 0.006 min
Lab File: BF138151.D
Acq: 07 Jun 2024 10:35

Tgt Ion:276 Resp: 1903505
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 19.7 16.5 24.7

